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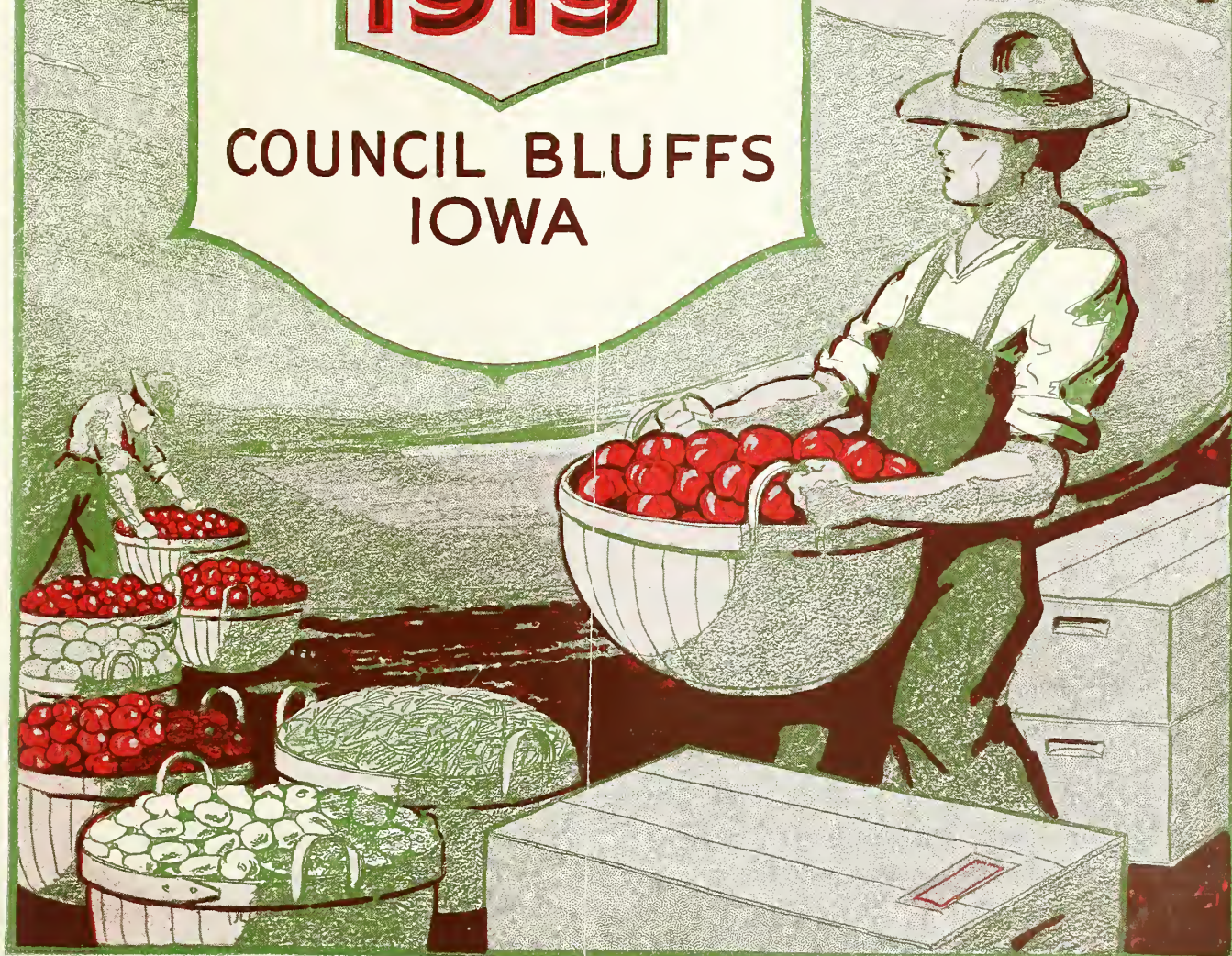
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# DeGiorgi

## BROTHERS

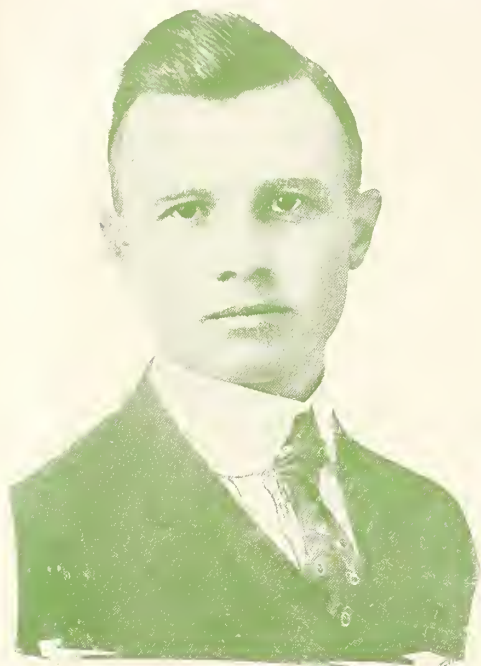
1919

COUNCIL BLUFFS  
IOWA





# Vegetable Seeds From All Over The World



F. H. De Giorgi, Pres.-Gen. Mgr.

**M**ARKET GARDENERS, especially the bigger, more progressive ones, who raise the finest vegetables just outside the gates of our large and middle-sized cities, plant the best seeds they can buy, because these are the most profitable. These very men are the largest planters of **De Giorgi Brothers' Prize Winning Seeds.**

Patriotic citizens plant their war gardens with our seeds because they yield the greatest returns for the least efforts.

Our vegetable seeds are the best the world affords. We take the greatest care in growing, selecting, importing, preparing and handling seeds. Our agents themselves are practical gardeners.

**De Giorgi Brothers' Prize Winning Seeds**, as their name implies, be they vegetable, field or flower seeds, are seeds of the highest quality.

We have new and better varieties of the highest possible value to gardeners, that are not offered by other seedsmen. They are real money makers.

## Where Our Seeds Come From

Some seeds we ourselves grow. Others we have practical Market Gardeners grow for us in the United States. We import large quantities from foreign lands. Many varieties of cabbage, carrots, beets, mangel, turnips, rutabaga, cauliflower and radishes are grown for us in Denmark and France. Celery and some other varieties of turnips and beets also are grown for us in France. We import other new, different and exclusive, choice and early varieties from Spain, Holland, Belgium and England. Our Bermuda onions are all grown on the Canary Islands.

When we order seeds grown for us we do not ask "how much do they cost," but "how good are they?" We are at all times on the lookout the world over for new and truly superior varieties. It matters not what they cost. They must prove

themselves, though, before we offer them for sale. So we try them out first ourselves. Then, if we find they have all the good qualities claimed for them, we carry this good news to our many thousands of Market Gardener friends and customers, with the facts about the advantages of these new specimens, as brought to light through our own experimentation.

## Why Gardeners Buy Our Seeds

These progressive Market Gardeners, whom the millions in the big cities depend upon for their supply of fresh vegetables, are always on the lookout for new and earlier varieties of vegetables, that enable them to be the first on the market and to have better green products. These simply mean bigger profits. They realize, too, that it requires just as much or even more labor to raise old and worn-out varieties as it does new and early kinds, that mean quicker sales and more money. We know you already have tried many seeds, and that many times you have been disappointed. Often the claims made for some so-called new variety are untrue. So you have a right to be doubtful. We do not ask you to buy our seeds on faith alone. We back up our seeds by a liberal guarantee.

We sell **De Giorgi Brothers' Prize Winning Seeds** on our absolute guarantee that they are of the highest germinating power. Our seeds must be precisely as represented, otherwise you may return them and we will cheerfully refund your money. Our aim is to supply you with the best seeds obtainable. We do not want you to keep any seeds you get from us that do not satisfy you. We give no warranty, expressed or implied, as to description of productiveness of any seeds, plants or bulbs we send out. But we do guarantee them to be of the highest germination.

Prove to yourself, Mr. Market Gardener, that you can give your customers better satisfaction, raise bigger crops and increase your profits by planting **De Giorgi Brothers' Prize Winning Seeds.** You can do it—at small cost. Send us a small order and try out these seeds on a small planting. That is fair to both of us. We make you a special low wholesale price on orders for garden seeds amounting to more than \$10.00.



A Section of Our Trial Grounds.

## De Giorgi Brothers

F. H. DE GIORGI, Pres.-Gen. Mgr.

COUNCIL BLUFFS, IOWA



# Our Seeds Are Guaranteed

## READ OUR GUARANTEE

**W**E take the greatest care in growing, selecting, preparing and handling of our seed. Seed that we do not grow ourselves is grown by the most reliable growers, and we therefore absolutely guarantee our seed to be of the highest germinating power. Our seed is sold under this guarantee, and anyone receiving seed that is not as represented may return the seed to us and we will cheerfully refund his money. We strive to give the best to our customers and do not want them to keep seed with which they are not satisfied. We further guarantee to replace free of charge and without any excuses, any vegetable and flower seed that has failed to grow. However, we do not guarantee the crop, as we do not grow your crops and have no influence over weather and soil conditions, etc. We therefore give no warranty, expressed or implied, as to description or productiveness of any of the seeds, plants or bulbs we send out, but guarantee them to be of the highest germination.

## ORDER EARLY—HOW TO ORDER

The best time to order is just as soon as you receive this catalogue, as we can always give your orders more of our personal attention if they come in before the rush of spring trade. Use the enclosed order blank. Extra order blanks will be furnished upon request. Or any piece of paper will do. First see that your name is on the order and be sure to give your box or street number, Post Office, County, and State. If your freight depot or express office has a different name, do not fail to give it also. Put down the article wanted and carry out the price of each article. And do not forget to keep a copy of your order.

## REMITTANCE

You can send remittance by Post Office Money Order, Bank Draft, Express Money Order, and Registered Letter. Small amounts under one dollar may be sent in stamps. Coin should not be sent by mail. We decline to send goods "Collect on Delivery," unless remittance be made on account to guarantee acceptance.

## PACKING

No charge is made for bags, boxes, barrels, and packing.

## SEEDS BY MAIL PREPAID

All seeds in packets, ounces, quarter, half and one pound, pints, quarts, and all other instances where stated, we ship by Parcel Post or Express, Prepaid. Seeds in large quantities and in all other cases where "Prepaid" is not written, they are shipped at your expense. However, you always get the benefit of the low prices when we ship seed with charges collect.

## PROMPTNESS

We make a special exertion to make shipment within twenty-four hours after receipt of your order. If you do not specify whether to send seeds by mail, express, or freight, we use our best judgment. It also happens that an order is lost in coming to us, or the goods in going to the customer. If you do not hear from us in a reasonable length of time after ordering, send us a Duplicate Order, naming the date on which the order was sent, the amount of money enclosed, and in what form the remittance was sent.

## PREPAID RAILROAD STATIONS

If your station has no agent and you are ordering seeds that are not prepaid, be sure to give us the name of your nearest station that has an agent.

## MARKET GARDENERS

Those who buy vegetable seed in bulk to the amount of \$10.00 or more are requested to send their list of seeds wanted to us and let us make special quotations. Or write us for a special wholesale list.

## Special Offer On Seeds In Packets and Ounces

For a remittance of \$1.00 for which you order seed in packets and ounces **only**, you may select seeds in packets and ounces **only**, to the value of \$1.25, and according to the following table:

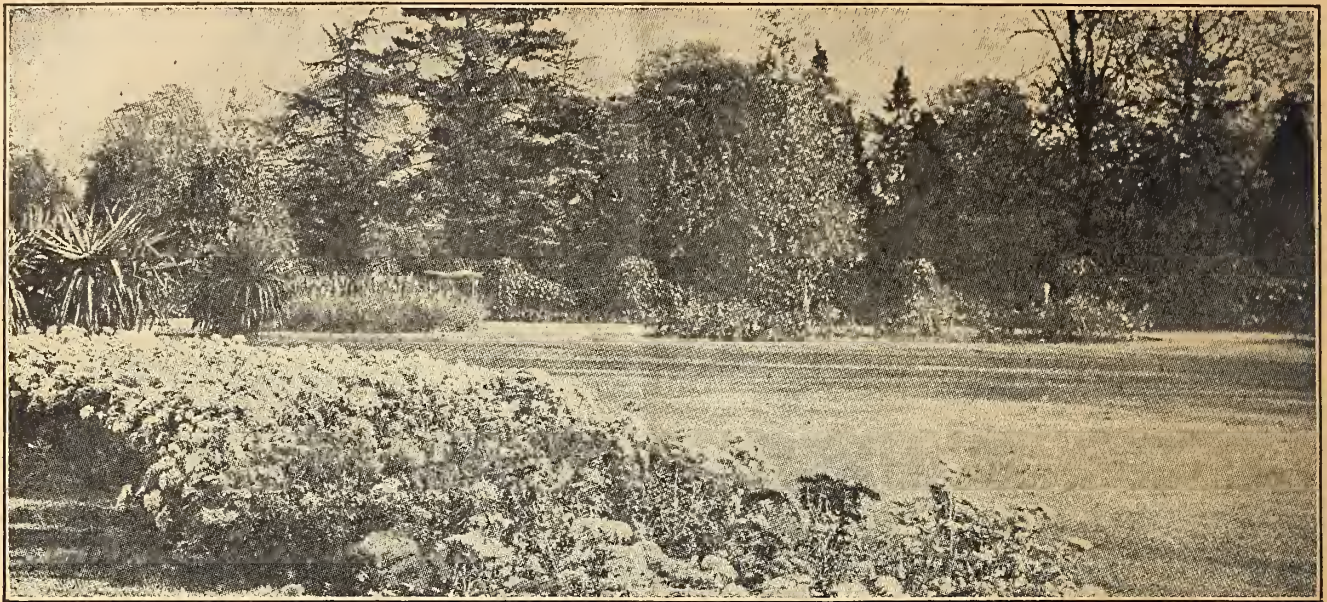
For a remittance of

- \$1.00 for packets and ounces, select \$1.25 worth of seeds in packets and ounces **only**
- \$2.00 for packets and ounces, select \$2.50 worth of seeds in packets and ounces **only**
- \$3.00 for packets and ounces, select \$4.00 worth of seeds in packets and ounces **only**
- \$4.00 for packets and ounces, select \$5.60 worth of seeds in packets and ounces **only**
- \$5.00 for packets and ounces, select \$7.00 worth of seeds in packets and ounces **only**

And for every additional dollar, you may select 40c more of seed in packets and ounces **only**.

However, do not overlook that this offer applies to **PACKETS AND OUNCES ONLY**, and we give no premiums on seeds bought in lots of  $\frac{1}{4}$ ,  $\frac{1}{2}$  and 1 lb., nor on seeds in pints, quarts, etc. If your order amounts to over \$2.00 and you do not specify the kind of seed you wish as a premium, we will send you a credit memorandum for packet and ounce seeds to the amount of your premium.





## De Giorgi's Special Lawn Grass Mixture

The mixture produces a perfect and enduring Lawn of deep emerald green with closely interwoven, firm deep and elastic turf suitable to sow under the shade of trees and buildings. It contains several of the finest American and European grasses adapted for Lawn making and cannot be excelled, being by far superior to mixtures usually sold in grocery and department stores which are often composed of the poorest grasses that will never come up after the first year and sometimes containing varieties of grasses wholly unfit for Lawn making; like for instance, Timothy or Orchard Grass. We do not use Orchard Grass or any other kind of grass of bunching habit, and if you will sow this mixture you may rest assured that you are sowing the best and quickest growing, fine-leaved, deep rotting grasses and that your Lawn will be the most beautiful in the whole neighborhood, provided that the essential requirement of grass culture has been complied with. Price—By mail, postpaid, 1 lb., 40c; 3 lbs., \$1.10. Not prepaid: 10 lbs., \$2.60; 100 lbs., \$25.00.

### PUTTING GREEN MIXTURE

The hardiest and finest low growing grasses are contained in this mixture. It produces a beautiful and lasting green turf, calculated to withstand hard wear and tear. By mail, postpaid: 1 lb., 45c. Not prepaid: 5 lbs., \$1.35; 10 lbs., \$3.00; 50 lbs., \$13.00; 100 lbs., \$30.00.

### FAIR-GREEN MIXTURE

For the grounds in general. Not prepaid, 10 lbs., \$3.00.

### TENNIS-COURT MIXTURE

This mixture produces a close elastic turf of the finest texture, that will improve with trampling it receives. By mail, postpaid: 1 lb., 45c. Not prepaid: 5 lbs., \$1.65; 10 lbs., \$3.00; 100 lbs., \$28.00.

### DEEP SHADE LAWN MIXTURE

This is a mixture of the most expensive fancy grasses only such as Wood Meadow Grass, Slender Fescue, etc., and will give perfect satisfaction anywhere in dense shade. By mail, postpaid: 1 lb., 50c. Not prepaid: 10 lbs., \$4.00.

### LAWN GRASS MIXTURE FOR THE SOUTH

This is composed of grasses that stand extremes of heat and drouth well and therefore adapted for the South. By mail, postpaid: 1 lb., 75c; 3 lbs., \$1.90.

### QUANTITIES OF SEED TO USE

1 lb. for 50 square feet.	25 lbs. for one-fourth acre.
5 lbs. for 250 square feet.	50 lbs. for one-half acre.
10 lbs. for 500 square feet.	100 lbs. for one acre.

## Evergreen Lawn Grass Mixture

Composed exclusively of permanent grasses, that make a finer, and thicker turf the older they become, and yet make a rich greensward in 3 to 5 weeks from the time of sowing. We have included a little white clover in the mixture, but not too much. This is an especially valuable mixture; it is all clean heavy seed, free from chaff, and will give the best results everywhere. It cannot be excelled for quality and vitality. Price by mail or express, prepaid: 1 lb., 45c; 2 lbs., 85c; 3 lbs., \$1.25. Price, not prepaid: 1 lb., 35c; 2 lbs., 65c; 3 lbs., 95c; 10 lbs., \$3.00; 100 lbs., \$28.00.

## Kentucky Blue Grass

Extra fancy seed, twice re-cleaned, sun dried, and of very high germination. Can be sown either in the spring or fall. It grows rather slowly at first, but after a time forms a compact turf. Price, not prepaid: 1 lb., 45c; 2 lbs., 85c; 3 lbs., \$1.25. Postage, 8c per lb. extra.

## White Clover

Much used in lawns. The seed we offer is of the highest germination, of bright color, and free from weeds. Sow in spring, 3 to 4 lbs. to the acre. Not prepaid, 1 lb., 80c; 2 lbs., \$1.55; 3 lbs., \$2.25. Postage, 8c per lb. extra.

## Directions For Making a Lawn

In the formation of lawns, and proper care of lawns, many things are to be considered. The beauty of a lawn consists in the evenness of its surface, and the richness of its verdure. This can only be produced on well drained, prepared, thoroughly pulverized soils. Another important consideration is in making a lawn, to have the soil of an even depth throughout, so that the grass may be marked by a regularity of growth. After sowing, the ground should be lightly harrowed or raked, and heavily rolled, in order to press the seed into the soil. Sowing can be done from the middle of March, to the middle of May, but in favorable seasons, the sowing can be done up to July. Seed may also be sown from the latter part of August, to the end of September. All weeds in newly-made lawns must be pulled up by the roots before they ripen their seed. This is the only sure way to rid lawns of these pests. When the grass is sufficiently high the lawn must be mown. This must not be on no account neglected as a close bottom is obtained solely by attention to this, and frequent rolling. As soon as the frost is out of the ground, the land should be heavily rolled, and cross-rolled, as the soil is loosened by winter frosts, and rolling is necessary to compress it again. Lawn grasses should be sown thickly at the rate of one ounce to the square yard.

The foregoing directions, if carefully attended to, will insure the formation, and success, of a lawn under almost any circumstances, but if the soil be poor, it will be necessary to water occasionally with liquid manure, as well as top-dress with bone dust or other fertilizers.



# Alfalfa or Lucerne Clover



A FIELD OF ALFALFA.

## Hardy Nebraska Grown Alfalfa

A clover-like leguminous plant, growing two to five feet tall, and roots ten to thirty feet deep. Once established it yields enormous crops annually for many years. Three to six cuttings per season, aggregating three to eight tons of cured hay per acre, are harvested, according to conditions and locality. It does well on all rich soil, and is especially adapted for well cultivated sloping lands where the water will not stand during any portion of the year. Good drainage is essential, and the water level in the soil must not be nearer than seven feet to the surface. Sow in the North during June, July or August. Twenty to 25 lbs. of seed per acre if broadcast, 15 to 18 lbs. if drilled. In the South the ideal time to sow is in the spring as soon as danger of frost is past, or in the fall as soon as the soil is in condition. All interested in Alfalfa growing should write to the Secretary of Agriculture Department, Washington, D. C., for bulletin on Alfalfa culture; it will cost nothing but the asking. The seed we offer is all American grown, raised in the West and Northwest, absolutely free from noxious weeds and other foreign matter, containing none but fully matured seeds of the highest possible vitality. Seeds offered for less than our prices is of lower quality, containing a certain percentage of blighted seeds, sometimes also some weed, grass or clover seeds. Of this seed you have to sow more than of our highest grade seed, therefore nothing is gained by paying a little less. Price: By mail, postpaid, 1 lb., 35c. Not prepaid: 10 lbs., \$2.55; bu. \$14.00; 100 lbs., \$23.50.

## Grimm Alfalfa

### THE BEST VARIETY FOR THE NORTH—ABSOLUTELY HARDY

Grimm Alfalfa will stand cold and unseasonable weather better than any other variety, and it is claimed that there is no harder strain of alfalfa grown anywhere. In such localities where alfalfa is being winter-killed, Grimm alfalfa can be safely depended upon to make a stand and produce abundant crops of good rich alfalfa. Grimm alfalfa has underground spreading crown, and branching root stock, while the common alfalfa has one straight tap root, more upright stooling crown with the bud area near the surface, exposed to freezing, thawing, and drying out. The seed we offer is of the highest grade, and non-irrigated. Price: By mail, postpaid, 1 lb. 45c. By freight, your expense, 10 lbs., \$3.15; per bu., \$16.80; 100 lbs., \$28.00.

### HARDY MONTANA GROWN ALFALFA

This very high grade seed was grown in Montana, on high land, and is non-irrigated. We cannot say that the Montana grown seed will grow any better, or give better results, than our regular Nebraska grown seed, yet we are offering this seed, as some of our customers prefer the same. Price: 1 lb., postpaid, 40c. By freight, your expense: ¼ bu., \$3.90; ½ bu., \$7.50; 1 bu., \$14.85; 100 lbs., \$24.75.

### TURKESTAN ALFALFA

Valued as a fodder plant on dry or arid soils. It is a variety of alfalfa brought to us from Turkestan. Cannot be equaled for hardiness, withstands drouth, heat and cold, yields the heaviest and richest crops of fodder. Especially valuable for permanent pastures. Price: 1 lb., postpaid, 40c. By freight, your expense, ¼ bu., \$3.75; ½ bu., \$7.35; 1 bu., \$14.40; 100 lbs., \$24.00.



PLANT OF ALFALFA.





A FIELD OF RED CLOVER.

## Red Clover

Also called Medium Clover or Common Clover. Of all clovers this is the most valuable, and known everywhere. It is used for hay, and pasture, and is a great soil improver. European farmers include Red Clover in rotation of crops, and it is on this account that they are able to grow larger crops of all grains on soils that have been farmed for centuries. Usually sown in the spring, but can be sown in the fall also. Use 8 lbs. to the acre. Be very careful where you buy seed, for there are many grades offered, some absolutely worthless containing weed seeds hard to clean out. Iowa grown Red Clover has become widely known for its purity, strong vitality, vigorous growth, and stooling qualities. The seed we offer is pure, and highly germinating of the highest possible standard. We invite comparison on a basis of quality. Price: Per lb., postpaid, 45c. Ask for prices on  $\frac{1}{4}$  lb.,  $\frac{1}{2}$  lb., bu., and 100 lbs.

## Crimson or Scarlet Clover

Erect annual, two feet high, with bright scarlet flowers. Grown extensively in the East, and South, for turning under to improve the soil. It makes a very valuable crop for pasturage or green manure. For hay it should be cut when in full bloom. We cannot recommend it for the Northern latitudes as it is likely to winter kill. Sow in August, or September, 15 lbs. per acre. Price: 1 lb., postpaid, 35c. By freight, your expense: 15 lbs., \$3.90;  $\frac{1}{2}$  bu., \$7.70; 1 bu., \$15.00; 100 lbs., \$25.00.

## Florida Clover

Also called Beggar Weed. This crop is by no means a weed but a very valuable forage, and soil-improving plant. Makes a vigorous growth 2 to 5 feet high, yielding largely for hay, and pasturage. Its nutritive value compares favorably with red clover, cow peas, etc. Sow at any time after frosts are over until the middle of June, in drills 3 feet apart, 3 to 4 lbs. per acre, or broadcast 10 to 12 lbs. per acre. Cover 1 to 2 inches. Price: 1 lb., postpaid, 60c. In 10 lb. lots and over, per lb., 42c.

## Mammoth or Sapling Clover

It is similar to Red Clover, both in the appearance of the seed and its habits of growth, the difference being that it grows larger and is later in maturing. It is considered superior as a soil improver on account of the extra growth. It has a longer life, being more hardy it may be used to reclaim soils where other clovers would fail. It is a good variety for thin soil or to seed with Timothy, Meadow Fescue, Herd Grass or Red Top, as it matures about the same time as these grasses. The appearance of the seed is identical with the Red Clover, and on this account it is impossible to distinguish any difference between the two by the appearance of the seed.

We always obtain our supplies from reliable sources using every reasonable care to supply Mammoth or Sapling Clover as ordered. Sow 10 to 12 lbs. per acre by itself. Six pounds of Clover and 8 lbs. of Timothy will give a liberal seeding.

Price: Postpaid, 1 lb., 45c. By freight, not prepaid:  $\frac{1}{4}$  bu.,  $\frac{1}{2}$  bu., bu. and 100 lbs. Ask for price.

## Alsike, or Hybrid Clover

A perennial variety, hybrid between the Red and White, but of much stronger growth than the latter, and will do well on all kinds of soil, yielding a heavy crop where no other clover will succeed. Alsike Clover is highly valuable for permanent pasture. It is specially suited to damp, stiff soils, where other clovers are more or less a failure. Twelve pounds are required to sow an acre by itself, or 2 lbs. if mixed with other grasses. Price: Postpaid, 1 lb., 40c. By freight, not prepaid:  $\frac{1}{4}$  bu., \$4.75;  $\frac{1}{2}$  bu., \$9.25; 1 bu., \$19.00; 100 lbs., \$30.00.

## White Clover

Some White Clover is usually included in lawn grass mixtures, for which purpose it is very valuable, as it makes excellent turf that stands constant trampling. It should never be used in permanent pastures, as it spreads too rapidly, and prevents grass from growing. It is short, and when in bloom it tastes bitter; horses and cattle will not eat it when in bloom. Sow in the spring. Price: 1 lb., postpaid, 80c; 100 lbs., \$72.00.





## Red Clover and Timothy Mixed

### BIG BARGAIN IN GRASS SEED

Timothy and Clover mixed makes hay of very superior quality and the seed can be procured at a big saving. In harvesting Timothy for seed, many fields in this part of the state contain a large per cent of Red Clover, and when threshed the seed contains from 15 to 40 per cent Clover, making one of the finest mixtures you can sow. It is very difficult to remove all the Red Clover when separating, and some of the large Timothy will be taken out with the Clover and consequent the Clover must be sold at a reduced price and the Timothy when put on the market will sell better if entirely free of Clover. By saving these lots that have a large per cent of Clover when cleaning we are able to offer our customers a splendid bargain in grass seed. What we sell is the lots of mixed seed that contain a large per cent of Clover.

It is decidedly better to sow Clover with Timothy either for hay or pasture. The Timothy will thicken up the stand and make a much heavier crop of hay than Clover alone. Anyone who wishes more Clover can purchase the pure Clover, and add to this mixed seed, making any per cent of Clover desired, or can add Timothy, if you wish with less Clover. It requires 10 to 15 lbs. to the acre, and the best time to sow is in the spring. Price: 1 lb., postpaid, 30c. By freight, at your expense, 10 lbs., \$1.75; 25 lbs., \$4.25; 1 bu., \$8.00 (Fifty pounds to the bushel). Bags free.

## Kentucky Blue Grass

This is a valuable grass for permanent pastures as well as for lawns. It is a true perennial, lasting indefinitely and improving every year. Its densely creeping root-stocks, spreading habit and smooth, even growth, fine texture, and rich velvety green color, renders it one of the very best grasses for lawns. It forms a close turf, starts early in the spring and withstands a long dry season. It does well in almost any soil. It requires time to establish itself and should, therefore, be sown only in connection with other grasses. If, however, sown alone, should be grazed on lightly for the first two years. If the soil is especially suitable it will in time crowd out all other grasses. Our stock of Kentucky Blue Grass is unequalled for purity and productiveness. It is of the highest germinating power possible and is free from all noxious weeds. Price: 1 lb., postpaid, 35c. By freight, your expense, 10 lbs., \$3.00; 1 bu., \$4.15; 100 lbs., \$29.00.

## Alsike Clover and Timothy Mixed

### THE BEST GRASS CROP FOR MOIST LOW LANDS

Alsike Clover and Timothy mixed is a great hay and pasture combination that cannot be beat for cold, slough or bottom land that is moist or too wet to farm. Alsike and Timothy seed mixed has no standard market value in the general market, so it is considerably cheaper than the two grasses when sold separate. You cannot buy the Alsike and Timothy separate and mix it, at anything like as cheap as this combination. It is the cheapest grass you can sow, costing much less than when you buy the seed alone. As to the proportion of this mixture, it varies according to the way it was when threshed, but contains about one-third Alsike, sometimes more, and the balance Timothy, which is about the right proportion for seeding to give best results. It requires from 10 to 15 lbs. to an acre. Our seed is re-cleaned and free from obnoxious weeds, and is new crop of high germination. It is best sown in the spring. Price: 1 lb., postpaid, 30c. By freight, your expense, 10 lbs., \$1.75; 1 bu., \$7.75 (50 lbs. to bu.). Bags free.

## Bromus Inermis

A tall, 3 to 5 feet high, growing and subterraneously creeping grass, native of Hungary, where it is considered one of the best hay grasses, yielding a good return in the arid and silicious soil. The nutritive value is rather under average and although a valuable grass on poor, dry, arid soils where the better and more delicate grasses would not grow, it belongs to the second grade grasses, being inferior to that of our standard native sorts.

It is best sown alone, and only on poor, dry soils. If included in permanent grass and clover mixtures it will in time push away every variety of grass, good or bad, but most of all the good ones, which come in its way. Bromus Inermis is being praised by some seedsmen a little more than it deserves; what we say about it is the plain truth. Sow Bromus Inermis on such land where the better and more valuable grasses would not grow, and sow it only in such case when you wish it to grow on the same ground for many years, as Bromus Inermis is strongly stoloniferous, its creeping root-stocks spreading rapidly under ground and giving out new plants. On this account it is difficult to eradicate when once established. Sow 20 to 25 lbs. to the acre. Price: 1 lb., postpaid, 40c. By freight, your expense, 10 lbs., \$3.75; 20 lbs., \$7.25; 50 lbs., \$14.25; 100 lbs., \$28.00.



# Timothy

One of the most universally known and cultivated grasses, adapted to nearly all sorts of soils. It is more than any other a magnificent grass in cold, moist soils, where other grasses would either not, or at any rate, only poorly thrive.

The most important point in the growing of Timothy is the selection of good seed. We are right next to the great productive Timothy seed fields of the world and are, therefore, in position to furnish you the seed of the very highest quality. We make it a rule to sell only new crop seed to our customers, and when you order from us you are sure to get new seed, thoroughly cleaned, and of the highest germination. Iowa grows more Timothy seed, and of better quality, than any other state. Seedsmen from all over the world buy the choicest Timothy seed in this section of the country, and we have the purest, finest, thriftiest, strongest germinating, free from weed, seed and plumpest grains of any Timothy seed on earth.

Only 10 pounds of our high quality seed is required to the acre when sown alone. The market on Timothy seed changes daily and the prices quoted here represent the market on the day this book went to press. Write for latest price.

Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$1.50;  $\frac{1}{2}$  bu., \$2.75; 1 bu., (45 lbs.), \$5.25; 100 lbs., \$12.00.

## Sudan Grass

### AN AFRICAN SWEET SORGHUM HAY GRASS

Sudan Grass has been very generally grown all over the country during the past few years, and is proving a very satisfactory summer forage crop, being used largely in place of millet and other forage crops in some sections. The advantage of sowing Sudan Grass, over millet, is that it will yield two or three good cuttings of forage from one seeding during the season. It makes most excellent and nutritious hay, and is unquestionably a good hay producing crop, both in quality and yield.

The yield from Sudan Grass will depend upon the soil and moisture conditions, and the method of planting. It does best in a rich, well drained, sandy loam, but it will give most satisfactory results in soils quite sandy. When given plenty of room the grass stools quite readily and it is not uncommon to see over one hundred stems coming from one seed. It requires from 75 to 80 days from the time the seed is planted until the first is harvested, the second cutting coming in in about 40 days after the first, and the third cutting about the same length of time after the second, rainfall being fairly uniform. The yield ranges from two to ten tons per acre of this highly valuable hay.

**SOWING THE SEED**—Sudan Grass should not be planted until the ground is thoroughly warm. The young plants are even more tender than those of sorghum, and for this reason the crop should not be seeded until sorghum may be planted with safety.

Seeding should be done, however, as early in the season as possible, since this will allow opportunity to secure a greater number of cuttings of hay. The crop should be cut for hay as soon as the grass is fully headed, and early cutting is advisable where two or more cuttings per season are expected. If left for seed it should be cut as soon as the greater portion of the seed is ripe, and caution should be taken to see that it is harvested sufficiently early to overcome loss by shattering which will be the case until over-ripe. The first cutting is most desirable for the seed crop. The grass may be harvested with a mower or wheat binder. Can be sown either in drills from 18 inches to 2 feet apart, at the rate of about 10 lbs. per acre, and cultivated, or can be broadcasted or drilled thickly at the rate of 25 to 30 lbs. per acre.

The seed we offer is all Northern grown, of the highest quality, and free from Johnson Grass. We do not think there is a finer lot of seed in the United States than what we have. Price: 1 bu., postpaid, 45c; 3 lbs., \$1.25. By freight, your expense, 10 lbs., \$3.20; 25 lbs., \$7.75; 50 lbs., \$15.26; 100 lbs., \$30.00.



TIMOTHY.

## Other Grasses

	Per 1 lb.	Per 10 lbs.	Per bu.	Per 100 lbs.	Weight Per bu.		Per 1 lb.	Per 10 lbs.	Per bu.	Per 100 lbs.	Weight Per bu.
CANADA BLUE GRASS—Valuable for permanent dairy pastures.....	\$0.30	\$2.00	\$2.90	\$18.00	14 lbs.	REED CANARY GRASS—A magnificent grass for wet soils—growing several feet high.....	\$0.75	\$6.50	\$18.00	\$56.00	30 lbs.
CRESTED DOG'S TAIL—(Cynosurus Cristatus). Good for pasture and fine for lawn purposes.....	.45		8.50		21 lbs.	RED OR CREEPING FESCUE—Valuable in lawns; thrives on the poorest soils.....	.45	3.00	3.50	28.00	14 lbs.
CREEPING BENT GRASS—(Agrostis stolonifera). The ideal grass for lawns, also of considerable value for permanent pastures.....	.40	3.20	6.40	32.00	20 lbs.	RED TOP GRASS—Fine for either hay or pasture, thrives on nearly all kinds of soils and in all climates. It reaches the highest perfection on moist soils. Extra fancy solid seed...	.40	2.25	6.75	20.00	32 lbs.
ENGLISH OR PERENNIAL RYE GRASS—(Lolium perenne). Good for both pasture and meadows. Of very rapid growth.....	.30	1.75	3.85	15.00	24 lbs.	SHEEP'S FESCUE—Grows on the poorest soils, fine for pasture, also in lawns.....	.40	2.75			12 lbs.
HARD FESCUE—(Festuca Duriuscula). Valuable for permanent pastures on poor and dry soils.....	.35	2.25	2.75	21.00	12 lbs.	SWEET VERNAL, TRUE PERENNIAL—(Anthoxanthum odoratum). The leaves when partially dried emit an agreeable odor which is imparted to the hay.....	.60	4.75	4.70	45.00	10 lbs.
ITALIAN RYE GRASS—This is a remarkably rapid grower, exceedingly productive; may be cut 4 or 5 weeks after sowing and every six weeks after then until frost.....	.35	2.00	3.45	17.50	18 lbs.	TALL MEADOW FESCUE—Excellent grass for permanent pastures and for hay, especially on moist soils....	.40	2.80	3.80	26.00	14 lbs.
MEADOW FESCUE—Also called English Blue Grass. A valuable pasture grass.....	.40	3.00	5.50	24.00	22 lbs.	TALL MEADOW OAT GRASS—Of rapid growth, very productive and most valuable grass for upland soils..	.60	4.50		40.00	10 lbs.
MEADOW FOXTAIL—(Alopecurus pratensis). One of the best grasses for permanent pastures and meadows.	.65				7 lbs.	VELVET GRASS—(Holcus lanatus. Meadow Soft Grass). Valuable grass for wet and marshy lands.....	.35	2.75	3.65	25.00	14 lbs.
ORCHARD GRASS—A most excellent grass for either pastures or hay.....	.45	3.70	5.10	35.00	14 lbs.	WOOD MEADOW GRASS—One of the best grasses for lawn, in deep shade.....	.50	4.00	5.40	37.00	14 lbs.





## Permanent Hay and Pasture Mixtures

A combination of different varieties of grasses with a proper proportion of different clovers always produces a heavier, thicker growth of great permanency. It is decidedly better and vastly more economical to sow different grasses and clover in a mixture and this fact is being lately rapidly appreciated and ultimately the use of such mixtures is sure to become universal. Any farmer knows that timothy while a very valuable grass on some land will run out in a couple of years, where grass and clover mixture, if properly laid down, will maintain its heavy cropping qualities for twenty years or more if occasionally top dressed with stable manure or suitable commercial fertilizer, and it will steadily improve. We have a great experience in preparing these mixtures, our aim always being to prepare mixtures of such varieties of grasses and clover that would do well under given conditions, and for this reason we have several mixtures prepared with respect to the nature of the ground where they will be ultimately sown and to produce under the extremes of the American climate of heat, drought and cold, a lasting dense and deep rooting turf that would yield either the highest possible amount of hay or an abundant pasturage. We mix grasses with clovers on a scientific basis. Anybody will agree with us when we say, that grasses differ from one another. There are varieties quite tall growing, others grow to a medium height and still others are of quite a low growth. Some grasses do not root very deeply, others send their roots to a considerable depth, and as the case of alfalfa the roots penetrate the soil to a depth of several yards. The root system of the different plants combined in the mixture draws nutriment from different positions underneath while the different height of grasses give the most excellent results. There is grass and plenty of it near the ground as well as up to a height of three or more feet. The clovers and alfalfa contained in the mixture are constantly gathering nitrogen and storing it in the ground for the benefit of the grasses. All seeds used in this mixture are absolutely the highest grade and our grass and clover mixtures do not contain any variety of grass that might become a weed. No Johnson Grass and no Bermuda Grass or White Clover is used in our mixtures. Prepare the ground same as you would for clover or timothy, sow early in the spring or in the early fall. The poorer the soil the larger the quantity of seed required.

### PERMANENT MEADOW MIXTURES

**No. 1**—On good land neither too dry nor too wet. This mixture is composed of the following grasses and clovers, blended in the proper proportions: Fancy Red Top, Meadow Foxtail, Tall Meadow Oat Grass, Orchard Grass, Hard Fescue, Sheep's Fescue, Perennial Rye Grass, Italian Rye Grass, Timothy, True Vernal Grass and Red Clover. Sow 25 to 30 lbs. to the acre. PRICE: Not prepaid: 10 lbs., \$2.80; 30 lbs., \$7.50; 100 lbs., \$23.00; 1,000 lbs., \$210.00.

**No. 2**—For high and dry land. This mixture is composed of the following grasses and clovers: Fancy Red Top, Tall Meadow Oat Grass, Crested Dog's Tail, Orchard Grass, Hard Fescue, Sheep's Fescue, Timothy, Rough-stalked Meadow Grass, Alfalfa and Red Clover. PRICE: 10 lbs., \$2.80; 30 lbs., enough to sow an acre, \$7.50; 100 lbs., \$23.00; 1,000 lbs., \$225.00.

**No. 3**—For rich and moist land. This mixture is composed of the following grasses and clovers: Tall Meadow Oat Grass, Crested Dog's Tail, Orchard Grass, Timothy, Hard Fescue, Kentucky Blue Grass, Fancy Red Top, Alsike Clover, Red Clover and True Vernal Grass. PRICE: Not prepaid: 10 lbs., \$2.80; 25 lbs., enough to sow an acre, \$6.75; 100 lbs., \$23.00; 1,000 lbs., \$220.00.

**No. 4**—For wet and marshy land. This mixture is composed of the following grasses and clovers: Meadow Soft Grass, Tall Meadow Oat Grass, Timothy, Fancy Red Top, Bromus Inermis, Italian Rye Grass, Perennial Rye Grass, Alsike Clover and True Vernal Grass. PRICE: Not prepaid: 10 lbs., \$2.80; 30 lbs., enough to sow an acre, \$7.50; 100 lbs., \$23.00; 1,000 lbs., \$215.00.

### PASTURE MIXTURES

**No. 5**—This mixture is composed of the following grasses and clovers blended in proper proportion. On dry land: Sheep's Fescue, Hard Fescue, Kentucky Blue Grass, Orchard Grass, Tall Meadow Oat Grass, Meadow Fescue, Bromus Inermis, Red Clover, Scarlet Clover and Alfalfa. PRICE: Not prepaid: 10 lbs., \$2.80; 35 lbs., enough to sow an acre, \$9.25; 100 lbs., \$23.00; 1,000 lbs., \$220.00.

**No. 6**—On good land neither too wet nor too dry. This mixture is composed of the following grasses and clovers: Kentucky Blue Grass, Italian Rye Grass, Perennial Rye Grass, Tall Meadow Oat Grass, Orchard Grass, Hard Fescue, Meadow Fescue, Timothy, Alsike Clover, Red Clover and Scarlet Clover. PRICE: Not prepaid: 10 lbs., \$2.80; 30 lbs., enough to sow an acre, \$7.50; 100 lbs., \$23.00; 1,000 lbs., \$215.00.

**No. 7**—For woodland pasture and to sow in orchards. This mixture contains: Wood Meadow Grass, Orchard Grass, Italian Rye Grass, Perennial Rye Grass, English Blue Grass, Kentucky Blue Grass, Timothy, Alsike Clover and Red Clover. PRICE: 10 lbs., \$2.80; 30 lbs., enough to sow an acre, \$7.50; 100 lbs., \$23.00; 1,000 lbs., \$215.00.

**No. 8**—On wet and marshy land. Contains as follows: Crested Fox Tail, Timothy, Soft Meadow Grass, Fancy Red Top, Creeping Bent, Meadow Fescue and Alsike Clover. PRICE: Not prepaid: 10 lbs., \$2.80; 30 lbs., enough to sow an acre, \$7.50; 100 lbs., \$23.00; 1,000 lbs., \$215.00.

June 7, 1917.

I thank you for the good seed you have sent me. I will always depend on you for good seeds from now on.

Yours truly,

JIM QUATTROCCHI,

Lincoln, Neb.

All seeds bought of you last spring were fine, especially your Grass and Clover Mixture.

F. MAREK, Buhl, Idaho.



# Mangel—Stock or Cow Beets

American farmers are yearly wasting millions of dollars worth of corn and grain. Half of the corn that is being fed to stock is practically thrown away. As soon as American farmers, like their European brothers, start to feed their stock with only half grain and half mangels, they will save enormous sums of money. They will lose less hogs through disease, secure more and richer milk from their cows, decrease expenses, and increase their bank accounts.

## MANGEL WURZEL IS A MONEY MAKING CROP

Under ordinary cultivation, mangels produce from 22 to more than 80 tons of roots per acre. With grain at its high price, Mangels easily represent a value of \$10.00 per ton. Therefore, at the rate of 22 tons per acre, the crop has a value of \$220.00, and when a bumper crop is produced, the value may be anywhere in the neighborhood of \$800.00 per acre. Presuming that the crop will be consumed on the place where it is produced, we believe that our figures are not exaggerated.

No other crop will give as good returns as Mangel Wurzel. Farmers realize that stock must have green and juicy feed during Winter in order to get the best results. Therefore, silos are built and filled at a considerable expense. Mangels are as good and even better feed than silage, and they can be stored with less trouble and practically no expense. All that is required is a dug-out or a pit in which the roots are laid and covered up, and they will then keep through the severest Winter.

Start to raise Mangels now, for it means money for you. You all know what a great crop Alfalfa is. When Alfalfa was a new crop, the American farmer was slow in sowing it. But when the great value of the crop was firmly established, it found a place on every American farm. Alfalfa was known in other agricultural countries for centuries. The same is true with Mangel Wurzel. Mangel Wurzel is just as valuable as Alfalfa, and the time will come when it will be raised on all farms, large and small alike. Do not wait for your neighbor to show you the way, be a LEADER yourself.

Mangels are easily raised; individual roots weighing from 16 to 30 lbs. Stock eats mangels most eagerly to satisfy the craving for sweet and juicy feed. Too much grain is not good for stock, the same as too much meat is not good for man. To keep strong and healthy, man eats meat, vegetables, and fruit. Meat furnishes the strength and vegetables and fruit are essential to act as tonics to help digest the more solid foods. Corn and grain have the strength giving qualities for stock, and Mangel Wurzel has the tonic qualities. Therefore, Mangel Wurzel hastens the fattening process besides cutting the bill for feeding in one-half. It keeps the stock healthy and hogs fed with mangels are very seldom bothered with worms.

You know that farmers in Europe receive higher returns from their land. Is it because their land is more fertile than ours? No, our land is in most cases much better than that of Europe, but the high yields are the result of higher cultivation and better system. They grow crops that bring the highest returns, and one of the most important crops is Mangel Wurzel, which is grown universally. In Denmark, Mangel Wurzel is as important a crop as that of corn or cotton in the United States.

Farmers in general know that Mangel is a good and well paying crop, but they say that it requires cultivation. However, this is an odd way of reasoning since the crop is highly remunerative and is worth cultivating. The fact is that Mangels can be as easily raised as potatoes and much more easily gathered.

Mangels do well everywhere. Prolonged drought does not injure the crop. It yields great quantities of sweet, wholesome and juicy roots which keep over Winter and do well into the Summer. It keeps all stock in a healthy condition and saves the farmer a great deal of money.

## MAMMOTH LONG RED

This variety is remarkable for its gigantic appearance, and the enormous weight it produces per acre. It possesses extraordinary feeding qualities, and is easily cleaned for storing. This variety has been known to produce mangels over 60 lbs. in weight. Pkt., 5c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.35, postpaid. Not prepaid: 5 lbs., \$6.25; 10 lbs., \$12.00.

## DANISH SLUDSTRUP

Danish Sludstrup has been awarded a first class certificate several times by the Danish Government, the highest honor in Denmark, where mangels are a most important crop. Danish Sludstrup is a long reddish yellow ovoid root, grows well above the ground and is therefore easily harvested. The individual root weighs from 15 to 20 lbs. Danish Sludstrup is the heaviest yielder, the most nutritive, and the best mangel in the world. Pkt., 5c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.35, postpaid. Not prepaid: 5 lbs., \$6.25; 10 lbs., \$12.00.

## GOLDEN TANKARD

Flesh yellow, roots cylindrically shaped, growing well above the ground. Contains the largest percentage of dry matter, and

is the most extensively known yellow fleshed mangel. Pkt., 5c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.25, postpaid. Not prepaid: 5 lbs. \$5.75; 10 lbs., \$11.00.

## HALF SUGAR MANGEL

This fine sugar beet while giving nearly as large a yield of easily grown and harvested roots as a crop of mangels, supplies a food of very much higher nutritive value. Pound for pound, the roots for feeding purposes being really more valuable than those of the very best strains of sugar beet, and the yield under equally favorable conditions being more than double. Danish grown seed. Pkt., 5c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.35, postpaid. Not prepaid: 5 lbs., \$6.25.

## ORANGE GLOBE

Skin a rich yellow, flesh white and solid; grows two-thirds above ground, hence the best for shallow soils. Good keeper. Oz., 5c; ¼ lb., 40c; 1 lb., \$1.35. By express: 5 lbs., \$6.25.



# “The Value of Mangels”

IS THE TITLE OF A LEAFLET PUBLISHED BY US IN WHICH WE TELL YOU HOW TO RAISE, FEED AND STORE MANGELS, HOW TO DECREASE THE NUMBER OF BUSHELS OF GRAIN OR CORN NOW FED TO STOCK AND THUS INCREASE THE AMOUNT OF READY CASH.

IT WILL TELL YOU HOW TO MAKE MORE MONEY OUT OF YOUR PLACE.

IT IS YOURS FOR ASKING.



MAMMOTH LONG RED

DANISH SLUDSTRUP.

Orange Globe

GOLDEN TANKARD.



# MANGEL WURZELS

**The Value of a Crop of Mangel Wurzel  
From One Acre Amounts to \$250.00**

**The Value of a Crop of Corn From One Acre  
Amounts to \$93.00**

**T**HE above figures are based on the supposition that Mangels will yield 25 tons per acre, valued at \$10.00 per ton, and corn at 60 bushels per acre, valued at \$1.55 per bushel. Mangels are a sure crop under the most adverse conditions and will yield 25 tons per acre. (Mangels will yield as high as 80 tons per acre, depending on soil and amount of cultivation.) Corn in comparison to Mangels is not as sure a crop.

**Any Farmer Planting an Acre of Mangel Wurzel  
For Feeding in Place of Corn Is Ahead \$157.00**

**I**T pays to raise Mangel Wurzel for your stock. The above figures speak very plainly and they are based on facts. A further proof that Mangels are a very good paying crop is the fact that they are grown extensively by farmers, stock feeders, and dairymen in agriculturally advanced countries, like England, Denmark, France, etc. When Europe was a younger country, as America is today, very little Mangel Wurzel was raised. Experience and necessity it was that made the European farmers raise Mangels. Why delay? Why not profit by the experience of others? Try Mangel Wurzel. If in doubt, try it on a small scale and convince yourself as to its merits.

## *To Owners of Liberty Bonds*

**W**E take Liberty Bonds in place of cash at full face value. For example, if your order amounts to \$55.00, we will take one \$50.00 Liberty Bond and the balance in cash, or if your order should amount to \$100.00 or more, we will take one \$100.00 Liberty Bond and the balance in cash. In case your order should run into a larger amount, we will take Liberty Bonds for any amount of seed that you will need.



## Oderbrucker Barley

Oderbrucker or Wisconsin No. 55 is considered the best variety of barley sent out by the Wisconsin Station. We are glad to be able to supply this heavy yielding variety to our customers and have extra fine seed stock to offer. Professor Moore declares it to be superior to the Manshury, yielding 5 to 6 bushels more per acre. The original stock of this barley was obtained in Germany by the Ontario Agricultural College, from which place the Wisconsin Experiment Station secured a small supply. By them it was greatly improved and then disseminated. Oderbrucker Barley is a stiff strawed, heavy yielding, six rowed variety. It is about the same as Manshury in the time of maturity, manner of growth and general appearance, but has a heavier kernel and weighs more to the measured bushel. Professor Moore says: "In stiffness of straw and rust resistance it is superior to any other variety on test." It has protein content of 15 per cent, or nearly double the amount of protein found in many other varieties. This makes it a very valuable feeding barley, which is an important consideration with the raising farmers and stockmen, who are now appreciating more and more the value of barley as a feed for all kinds of stock, horses as well as cattle. On account of its large percentage of protein, it is also one of the malting barleys. Our seed was grown for us in the west and is extra fine quality, free of oats, light and extra heavy. Price: 1 lb., postpaid, 25c. By freight, your expense, ¼ bu., \$1.00; ½ bu., \$1.85; 1 bu., \$3.50; 2 bu. at \$4.00.

## Montana Two-Rowed Barley

This barley was grown in Montana and is beautiful grain—plump, heavy, very large, fat kernels. In many sections two-rowed barley does better than six-rowed. It is the favorite barley with German and Austrian farmers, and it has also been highly recommended for this country by the United States Department of Agriculture. It is noted for its earliness and heaviness of grain, as well as its plumpness of kernel and heavy yielding capacity. Great for exhibition purposes. Price: 1 lb., postpaid, 25c. By freight, your expense, ¼ bu., \$1.00; ½ bu., \$1.85; 1 bu., \$3.50; 2 bu. at \$3.40.

## Spring Wheat

### MINNESOTA BLUE STEM No. 169

It is a progeny of Haynes' Blue Stem. Its average yield for four years, as compared with the parent variety, is given by the Experiment Station as follows: Haynes' Blue Stem, 25.5 bu. an acre; Minnesota No. 169, 28.3 bu. an acre. This comparison with its parent, which is a superior variety, tells the whole story as to yield. This is the best Spring Wheat of which we have knowledge. It has given an average yield for the last thirteen years, through favorable and unfavorable seasons, of 26.7 bushels an acre. No better wheat can be found for the North. In quality it proved in milling tests equal to the best. Price: By freight, your expense, 1 bu., \$4.00; 2 bu. at \$3.80.

### MARQUIS SPRING WHEAT

This is the wheat that was awarded the **World's Champion** Prize of \$1,000 at the New York Land Show in 1912. Canadian farmers of the Northwest are all wild about it because of its earliness and big yields.

Marquis wheat was originated by Dr. Saunders of the Ottawa Experiment Station by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald, like the Fife, and grows much the same. Grains are shorter and wider and of a deeper amber color. Dr. Saunders says of this wheat:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield on a one-fourth acre plot was at the rate of 81½ bushels. Under field conditions our highest record is over 53 bushels per acre. Marquis is an excellent hard wheat with somewhat shorter and stronger straw than most varieties, and ripening about a week earlier than Red Fife."

We are glad to be able to offer this wonderful new wheat to our customers and we hope a lot of them will try it. Our stock is Canadian grown, from a reliable source, and is very fine. Kernels are very large and plump and the stock perfectly clean. It is beautiful wheat. Price: By freight, your expense, 1 bu., \$4.00; 2 bu. at \$3.80.

## Mammoth Winter Rye

For several years there has been a demand for an improved variety of winter rye. We have given this crop a great amount of attention and feel well paid for doing so, for we are in position to offer a variety of rye which is far superior to what you have been accustomed to growing. You will find our Improved Mammoth Winter Rye a very paying crop. Price: By freight, at at your expense, bu., \$4.00; 2 bu. or more, \$3.85 per bu.

## Manshury Barley

This splendid six-row barley was first recommended to American farmers by Prof. W. A. Henry, director of the Wisconsin Experiment Station. It soon became a great favorite, and is now the most reliable variety of barley grown in large quantities throughout the Northwest. It is early, grows very vigorous and strong, bearing long, well-filled heads of plump grain. The strong root system, and long, stiff straw have always been characteristic of this barley, and in yield it has been wonderfully satisfactory. As in the case of the Oderbrucker, the original seed of Manshury was obtained outside of the United States, the Manshury coming from Russia. For some years it out-yielded, at the Wisconsin Station farm, thirty-seven other varieties, and in some cases double the yield of the common sort. Without question this barley has been worth millions of dollars to the farmers of the Northwest. This is a barley which will be found reliable in every respect. Its high feeding quality, combined with its value as a malting barley and its reliability as to yield, places it in the front rank.

Price: 1 lb., postpaid, 25c. By freight, your expense, ¼ bu., \$1.00; ½ bu., \$1.85; 1 bu., \$3.50; 2 bu. at \$3.40.

## White Hulless Barley

White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley growing regions, and also in sections where common barley is not grown at all. It is very early, thus making a splendid nurse crop for seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and for feeding value it is not surpassed by any other grain. Sow in spring, 1½ bushels per acre, and treat just as you would any other kind of barley. Specially fine for poultry and for grinding for hogs.

Price: 1 lb., postpaid, 30c. By freight, your expense, ¼ bu., \$2.70; 1 bu., \$5.15; 2 bu. at \$5.00.

## Speltz or Emmer

Speltz has now been grown in the United States in a large way for several years, and each succeeding season not only emphasizes its value, but sees its production increasing. It is found to be adapted to a wide range of soil and climate, to resist extremes of weather, to be of superior feeding value, and to yield so much more heavily than oats and barley as to insure its increasing popularity and its eventual place among the leading and standard cereal crops of the world. Those who have not grown Speltz should not let another season go by without giving it a place on their farms.

**Cultivation:** In methods of cultivation this is probably the least exacting of all cereals. It should be sown very early, and this can safely be done, as it is not easily harmed by and easily resists early and severe frosts.

Speltz is unhesitatingly recommended for growing in the extreme Northern states of this country, also in the semi-arid districts farther South, and it should also be grown in all other sections of the United States. It makes a well-balanced feed for horses, cattle, or hogs, as the large hull gives it the lightness of oats, while the double kernel furnish a rich meal much like ground rye feed. Prof. Wilson of the South Dakota Experiment Station, in a careful experiment with feeding calves, found Speltz worth 40 per cent more than corn, pound for pound. Sow 2½ bu. per acre.

Price: 1 lb., postpaid, 25c. By freight, your expense, ¼ bu., 95c; ½ bu., \$1.75; 1 bu., \$3.25; 2 bu. at \$3.15.





HARVESTING REGENERATED SWEDISH SELECT OATS.

## Regenerated Swedish Select Oats

Regenerated Swedish Select Oats originated with the Garton Seed Company of England. To "regenerate" is to make new, to re-create, and that is just what has been done by the Garton people. They chose Swedish as the "Best American Oat," and went to work to restore it to its original purity and vitality. They have done much more than that. They have given us something ahead of the original Swedish Select. They have produced the finest oats ever seen in this country, heavy and plump, weighing over 50 pounds per bushel, perfectly pure and all just alike.

Now we have a stock of Regenerated Swedish Select to offer our customers that we believe is ahead of the English grown stock, because better adapted to American conditions.

Our stock was grown in Saskatchewan, Canada, from Garton seed imported from England some years ago. These oats were carefully grown on new, clean land from specially bred seed. They were minutely inspected in the standing crop, and to avoid any chance of their becoming contaminated with wild oats, the separator threshed for no one else.

This stock, grown away in the Northwest, is full of life and vigor and very fine. The oats are heavy, plump and bright, almost as fine looking as the original English stock. That they are much more reasonable in price than the English oats, as well as being better adapted to growing in the states. Canadian seed yields much better here even the first year than home-grown seed. This is not true of English seed, as that usually has to be acclimated.

The stock we offer is pure and clean, entirely free from any weed seed and free from any other grain. They can be sown with confidence and they will bring results. You can just as well increase your oat yield 25 to 100 per cent by using this seed. The three kernel feature, a very common thing with Regenerated Swedish Select, is one reason for the big yields.

A question? Which is the cheapest oats, that cost from 50c to 80c per bushel, germinating 60, 70 or even 80 per cent, or seed that germinates close to 100 per cent at \$2.00 per bushel, every kernel doing business, making a stand, shading the ground with abundant leafage, killing the weeds, and at harvest time yields you a big crop. It is not the price of the seed, but what the seed will ultimately produce, that counts.

Price: By mail, postpaid, 1 lb., 20c. By freight, your expense,  $\frac{1}{4}$  bu., 65c;  $\frac{1}{2}$  bu., \$1.10; 1 bu., \$2.00; 2 bu. at \$1.75; 10 bu. or over at \$1.70.

## Silver Mine Oats

Silver Mine is a grand oat for the corn belt, vigorous, healthy, and nearly rust-proof. It yields heavy, has long, stiff straw, the grains are large, white and thin hulled. Our seed stock of Silver Mine is true and pure.

Price: 1 lb., postpaid, 20c. By freight, your expense,  $\frac{1}{4}$  bu., 55c;  $\frac{1}{2}$  bu., 95c; 1 bu., \$1.75; 2 bu. at \$1.65; 10 bu. or over at \$1.60.

## Regenerated Banner Oats

The Garton people have applied their special regenerating process to the American Banner Oat, as well as to the Swedish Select, and we have Canadian grown seed of this famous variety to offer, grown by the same men who furnish us the Regenerated Swedish Select. Up in Canada the two varieties are close rivals and on the Government trial farms Regenerated Banner usually heads the list.

The Banner Oats are renowned for their earliness, stiffness of straw and large yields. It is early enough to get out of the way of rust, which plays havoc on our heavy black loam soil.

The grain is white, large and plump. It is a good stooler and throws up a large number of stems.

The Banner Oats are capable of carrying a heavy load of grain on strong, rich bottom corn soil, and can be counted on to produce you a yield of 100 bushels per acre or more during most seasons. Their wonderful stooling qualities require less seed per acre, and  $2\frac{1}{2}$  bushels per acre is sufficient.

Price: 1 lb., postpaid, 20c. By freight, your expense  $\frac{1}{4}$  bu., 65c;  $\frac{1}{2}$  bu., \$1.10; 1 bu., \$2.00; 2 bu. at \$1.75; 10 bu. or over at \$1.70.

## Yellow Kherson Oats

### The Earliest Oats in Cultivation

It has done all that is claimed and more. It ripens in 100 days and brings big yields. The grain runs heavy. It is suited for making oat meal.

Description: The plant is a vigorous but not a rapid grower. The straw is short, and on the same land it stands shorter than any other oats tested. The leaves are very broad, and expose a large surface. The panicles are spreading, i. e., it is not a side oat. The berries are a light yellow in color, small but numerous, and have a very thin hull. They usually weigh well per bushel, and in this respect, as well as in yield per acre, they have led all other varieties.

Price: 1 lb., postpaid, 20c. By freight, your expense,  $\frac{1}{4}$  bu., 50c;  $\frac{1}{2}$  bu., 90c; 1 bu., \$1.60; 2 bu. at \$1.50.

## Victory Oats

American grown seed, raised from imported Swedish stock. The best varieties for American conditions. Put out by the Swedish Society for the Improvement of Seed. The result of twenty-five years of scientific seed breeding. In season it is like Swedish Select. The grain is of medium size, white, broad and nearly beardless. The straw is very stiff and firm. Adapted to medium soils. Peck, 75c; bu., \$2.25; 10 bu., \$19.50; bags included.



### SIBERIAN MILLET

This is nearly two weeks earlier than German Millet, very heavily productive, has great stooling habit, is very leafy and bushy and full of rich, green blades; one kernel often produces forty strong stalks. Six tons of hay per acre is not an uncommon thing with this millet. It will make a magnificent crop of hay if sown immediately after oats or wheat is cut. By mail, postpaid: 1 lb., 20c. Not prepaid: 10 lbs., 85c; 50 lbs., \$3.50; 100 lbs., \$6.50. Sow at the rate of 25 lbs. to the acre.

### WHITE WONDER MILLET

A new variety introduced to this country by a Russian soldier, veteran of the Russo-Japanese war. It is said that this soldier discovered this wonderful millet in China. The seed is larger than that of German millet, and it can be easily hulled, and when boiled and milk and sugar is added to it, it makes a very delicious dish, much better than oatmeal or any other breakfast food.

The most striking feature of White Wonder Millet is the size of the heads. The heads will run from 8 up to 18 inches and a single head will have as many as 15,000 seeds.

The yield of this millet is extremely heavy, being fully half again as heavy as that of German millet. Some growers of White Wonder Millet claim that it will out-yield other millets three to one. Another desirable feature of this new millet is its earliness. It is several days earlier than German millet, but not quite as early as the Siberian variety. The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very easily. Try this millet. We are sure that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place amongst the millets.

Thirty-five pounds of seed will sow an acre. Sow at any time from the middle of May until the end of July. Price, 1 lb., postpaid, 25c. By freight, your expense, 10 lbs., \$1.00; 35 lbs., \$3.15; 100 lbs., \$7.75.

### GERMAN MILLET

True German Millet is far superior to common millet, both in quality and yield, and it is therefore of special importance to secure the very best True German Millet.

If common seed is used, or if German Millet is mixed with common millet, the yield is greatly lessened, and renders the hay of less value, because common millet grows much smaller, has but little leaf growth, goes to seed quicker, thus interspersing with the hay woody fiber and more or less seed, both of which are objectionable, besides greatly curtailing the crop. As there is always a ready market for German Millet seed, it will pay you to get the pure article. True German Millet will yield from 40 to 50 bushels of seed, besides a heavy crop of hay. Hay of the finest quality is obtained by seeding thickly—not less than one bushel per acre—and the crop should always be cut while in bloom, before the seed hardens in the head. If the seed is allowed to form, the stalks get hard, and it does not make nearly as good quality hay. On good soil German Millet will yield from four to five tons of splendid hay per acre. Sow at any time from the middle of May until the end of July. Price: 1 lb., postpaid, 20c. By freight, your expense, ¼ bu., 95c; ½ bu., \$1.75; 1 bu., \$3.25; 2 or more bu. at \$3.15 per bu.

### HUNGARIAN MILLET

The best variety to sow on good low grounds or rich soils. On rich, moist soils this makes an even more valuable crop than German Millet. Sown on this class of soils, it makes a very superior hay, and considered equal in nutritive qualities to timothy hay. For uplands or light soils, it does not make as large yielding crop as the German Millet. It is very important in procuring Hungarian Millet to get the true seed, as common millet resembles it very closely, and is frequently found mixed with Hungarian. This lessens both the yield and the value of the crop. Sow from the first of May to the end of July, at the rate of one bushel per acre. Price: 1 lb., postpaid, 20c. By freight, your expense, ¼ bu., 95c; ½ bu., \$1.75; 1 bu., \$3.25; 2 or more bu. at \$3.15 per bu. Bags free.

### JAPANESE BARNYARD MILLET

Introduced into this country by Prof. Brooks of the Massachusetts Experimental Station. This is what Prof. Brooks says: "This millet seems adapted to all sections of the country, does exceptionally well on low grounds. Yields from 12 to 20 tons per acre on rich land and grows from 5 to 8 feet tall. Makes a larger yield of hay than any other millet and if allowed to ripen will produce about the same amount of grain as oats. If desired for hay, it should be cut before it heads out. When nearer maturity it is too coarse for hay, but is valuable for forage or for the silo. Ensilage made from Japanese Millet cannot be excelled as feed for milk cows. This millet is sold by some seedsmen under the name of "Billion Dollar Grass." Sow in May or June, using 25 lbs. of seed per acre broadcast. If drilled, it requires 10 to 15 lbs. of seed per acre. Have drills three feet apart. Price: 1 lb., postpaid, 20c. By freight, your expense, 10 lbs., 75c; 1 bu. (36 lbs.), \$2.55.

### PEARL MILLET OR PENCILLARIA

Very different from other millets. It is a tropical plant, and requires warm soil, and warm weather, to germinate well and grow off to best advantage. It is used for both green and dry feeding, and as it yields heavily, it is very highly prized. It will grow 10 to 12 feet high, but cutting should commence when a



SIBERIAN MILLET.

height of 3 to 4 feet is attained. After being cut it will stool out enormously and make a rapid growth, and it can be cut this way three or four times in a season. Sow five pounds of seed per acre in drills three feet apart, and cultivate occasionally. Price: 1 lb., postpaid, 50c; 10 lbs. and over, 40c per lb. Bags free.

## Seeds of Quality and Prices

There is a somewhat difference in all things, and there is a great difference in the quality of seeds. Most gardeners realize this, yet there are some that are inclined to buy where they can buy at the lowest cost. These gardeners do not seem to know that in seeds, the best is the cheapest. To grow seeds of the highest quality necessitates long continued and intelligent work, and it also takes a great deal of time and expense. Therefore, it is impossible to sell a highly developed strain of seed at low figures, as without devoting much time to the selection of seed, without intelligent and painstaking work, it is impossible to raise highly developed seed. The difference in price is a trifling matter when compared with the results, and cheap seed at the beginning means a loss at the end.



## Field Cow Peas

### VALUABLE FOR HAY AND FORAGE—GREAT SOIL IMPROVERS

There is no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Peas. It is not necessary to turn under the crop of vines to improve the soil, and it is really considered more economical and the best way to cut off the crop of vines and cure them as a forage or hay crop, and then turn under the stubble and roots. Even when the crop is cut off the land is left in very much better mechanical condition, and the productiveness very much increased over what it was before the crop was grown. The Cow Peas, to a greater extent than any other leguminous crop, has the power to extract nitrogen and ammonia from the atmosphere and to store same in the vines and roots, so that, even if the crop is cut off, the land is enriched and its condition improved. From 10,000 to 18,000 pounds of green fodder per acre have been produced by the Cow Pea.

**TO GROW FOR HAY** they are most valuable, as they yield an immense quantity of feed of the best quality, and produce the crop in so short a time. The bacon made from hogs fed on the dried peas is much sweeter and more solid, and the fat will not run out in cooking nearly so much as if fed on corn.

**FOR ENSILAGE** they are unsurpassed, being more nutritious than green corn and other crops used for this purpose. Where it is desired to turn the whole crop under as a soil-improver it is better to do so after the vines are partly dead. A good picking of the dried peas can be made before plowing under, if desired.

Cow Peas can be sown in May, June or July, at the rate of one bushel per acre.

## Four Best Varieties of Cow Peas

**WHIPPOORWILL**—An early maturing upright growing variety more largely sown than any other kind. It is a heavy foliage maker, and can be easily cured as dry foliage. It will mature in about 70 days from the date of sowing. Where an early variety of good growth and height is desired we recommend this in the first place. Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$1.50; 1 bu., \$5.00.

**TWO-CROP CLAY**—A very valuable new variety. Its name is fully descriptive of its good qualities, as from its quick maturity two crops can be planted and harvested during one season. It can be used both as a forage and soil improving crop; also for making a profitable crop of dried peas. Planted early the crop can be harvested and plowed under in plenty of time for fall crops. Planted late it will make better and quicker growth than other varieties. Especially valuable for Northern and Western States, where the seasons are short. Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$1.50;  $\frac{1}{2}$  bu., \$2.75; 1 bu., \$5.00.

**BRABHAM**—This new pea is one of the best and most productive, both as regards the growth it makes and the yield of shelled peas. It holds its foliage well, making it particularly valuable where it is desired to save and cure the foliage. It is especially valuable for light soils. Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$1.50;  $\frac{1}{2}$  bu., \$2.75; 1 bu., \$5.00.

**MIXED COW PEAS**—Cow Peas in mixture grow thicker, produce a better crop of vines, and forage, than single sowed varieties. The principal varieties in the Mixed Cow Peas we offer are the Clay, Black, Wonderful, Whippoorwill, and other good sorts. Splendidly adapted for soil improving as well as for pasture and hay. All our mixed peas are strictly new stock. Price: 1 lb. postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$1.50;  $\frac{1}{2}$  bu., \$2.75; 1 bu., \$5.00.

## Edible Cow Peas

Edible Cow Peas are constantly growing in popularity. The dried peas are readily salable during the winter and at a good price. To make a money crop, as well as to improve the soil at the same time, these varieties are most valuable and desirable.

### CREAM CROWDER PEAS

A new introduction of the edible Cow Pea type, which promises to become very popular wherever it is grown. It is not only one of the earliest to mature, but also makes a large and vigorous growth, and is one of the most prolific and best of edible peas, both for home use and market. The yield of green or dry peas is enormous, on account of the peas being crowded in the pod. The size of the peas is large, and they are of most delicious flavor when cooked, and preferable to other varieties for table use. This also makes a large quantity of vine, lots of hay, especially good food for hogs and cattle.

Price: 1 lb., postpaid, 30c.

### EXTRA EARLY BLACK EYE

These are ten days to two weeks earlier than the Large Blackeye, and a most valuable variety. They do not run much as the Large Blackeye Pea, but grow more in bush shape and hold the peas up well off the ground, and the pods are very thickset on the vine. This variety is particularly valuable for truckers and market gardeners who sow Blackeye Peas to sell green on the market, and is also a specially desirable variety for late planting, as well as for early market.

Price: 1 lb., postpaid, 30c.

### GALLAVANT OR LADY

This is an old-fashioned pea, which is very popular in sections where it is known. The peas are small in size, of very fine flavor; superior in table qualities to the Blackeye Pea. It is very prolific, and a desirable variety to grow. It is known in some sections as "The Lady Pea."

Price: 1 lb., postpaid, 30c.

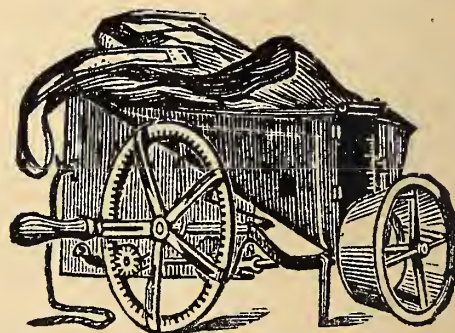
## Bene

### (SESAME ORIENTALE)

A tall annual herb, sometimes three to four feet in height, producing flowers followed by seed pods, which shatter after ripening, and the seeds—of an oily nature—are produced in great profusion, and much relished by poultry. The oil from the seeds is sweet, and is sometimes used for culinary purposes, like oil of olive, and the parched seeds are used in confectionery. It is, however, as a crop to sustain wild birds, particularly quail and partridges, that we chiefly recommend it. The seed is drilled in rows three feet apart, as soon as danger of frost is over. Five pounds of seed is sown to the acre. Our supply of the seed will be ready in March. Price, per lb., 45c (postpaid, 55c); in 10-lots and over, 40c per lb.

## Cahoon Broadcast Seed Sower

FOR SOWING SEED, GRAIN, CLOVER SEED, ETC.



The best seeder manufactured, and sows all kinds of grain, clover seed, etc., rapidly and evenly. A person entirely unused to seeding can, by following the simple directions sent with the machine, sow from four to six acres an hour at a common walking gait. It sows uniformly and saves four-fifths in labor by its use. Every farmer should have one of these sowers. Circular giving full information and directions for use mailed on application. Price, \$4.00.



## White Kidney Beans

A valuable shell bean, seed of which is pure white, larger than the navy bean, and of much better eating quality. The plants are of large size, with many branches, without runners. They do not produce quite as heavily as the common navy beans do, but on account of the excellent quality of shell beans, and large size, we would prefer them to navy beans. Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$3.25;  $\frac{1}{2}$  bu., \$6.25; 1 bu., \$12.00.

## White Tepary Field Bean

An excellent white seeded soup, or bake bean. The seed is smaller than the navy bean, but is of better flavor, and more resisting to drought, and scorching heat. The vines are medium size, with many branches; some with short runners. It produces heavy crops, and as a soil improver is one of the most valuable legumes. Use  $\frac{1}{4}$  bu. of seed to the acre. Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$3.25;  $\frac{1}{2}$  bu., \$6.25; 1 bu., \$12.00.

## White Navy Beans

These make a very profitable crop to grow as shelled white beans, for market. Plant in rows three feet apart, dropping two or three beans in hills a foot apart in the rows. Cultivate early, as they grow rapidly, but do not work them while the dew is on the foliage, and do not cultivate too deeply after the plants are three or four inches high. Do not cultivate after they begin to blossom. Carefully grown, they will prove a profitable crop. One-quarter of a bushel will plant an acre. Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$3.00;  $\frac{1}{2}$  bu., \$5.75; 1 bu., \$11.00.

## Soja Beans

Soja or Soy Beans are a most valuable crop, and should be more largely planted. They contain a large amount of protein, and are great for feed, and they enrich the soil by their nitrogen-gathering qualities to a remarkable degree. The dry beans are good for use as table beans, and also for canning the same as navy beans for "pork and beans." Lately they are also much used for the extraction of oil for commercial purposes.

To grow for a crop of beans, they should be planted in drills three feet apart, at the rate of about half a bushel to the acre, and cultivated the same as for corn. For a forage, and soil-improving crop, they are best sown broadcast at the rate of about a bushel to the acre. Soja Beans are also a valuable crop to plant for hogs, and they can be planted by themselves for this purpose, and also in the corn rows, and the hogs turned in to feed on the beans after the corn is harvested.

### ITO SAN SOJAS

An extra early variety, ripening in about 95 days from date of planting seed, and for that reason very valuable to grow in a short season. The plants are of medium size, well branched so as to be very satisfactorily mown. Will mature as far north as Southern Wisconsin and Southern Michigan. Price: 1 lb., by mail, postpaid, 35c. By freight, your expense,  $\frac{1}{4}$  bu., \$2.50;  $\frac{1}{2}$  bu., \$4.15; 1 bu., \$9.00.

### MAMMOTH YELLOW SOJAS

Of all the Soy Beans this variety is the most popular, and is grown especially for forage purposes. It is a little later in maturity than other sorts, but makes larger yields, both of forage and seed. Well adapted for this section and further south. Price: 1 lb., postpaid, 35c. By freight, your expense,  $\frac{1}{4}$  bu., \$2.50;  $\frac{1}{2}$  bu., \$4.75; 1 bu., \$9.00.

## Velvet Beans

Velvet Beans make one of the largest yielding, and most nutritious, forage crops grown. Vines form a mass three to four feet high, and run 20 feet or more. As a soil improver they are considered superior to cow-peas, as they make so much larger growth and much heavier amount of foliage. Velvet Beans are usually planted in rows four to five feet apart, at the rate of about half a bushel per acre. In the South, Velvet Beans are used for winter grazing and for this purpose it is one of the best crops that can be grown on the light soils and in the long season of the Gulf Coast and Florida. Plant in corn when knee high, gather corn in November and turn in cattle as soon as frost falls. Velvet Beans are the best and cheapest soil improvers, they make poor land rich, and poor stock fat.

### FLORIDA SPECKLED VELVET BEAN

This is the oldest and most popular of all the Velvet Beans, and more largely planted than any other variety. Has a very strong growing vine, and makes an immense crop of beans. Price: 1 lb., postpaid, 20c. By freight, your expense,  $\frac{1}{4}$  bu., \$2.00; 1 bu., \$7.00.

### LYON VELVET BEAN

This is probably the most valuable of all the Velvet Beans. Makes more cattle feed than other varieties, and stock prefer them, and always choose them in the fields. Is earlier than the speckled variety, easier to pick, and also to hull, makes more vine and is a softer bean for cattle to eat. Bean bunches often grow two feet in length and have 40 to 50 pods to a bunch. Price: 1 lb., postpaid, 30c. By freight, your expense,  $\frac{1}{4}$  bu., \$2.25; 1 bu., \$7.75.

### 100-DAY SPECKLED VELVET BEAN

Prof. S. M. Tracey, United States Department of Agriculture, says: "April 18th, planted; June 29th, pods well grown; August 2d, ripe pods; August 21st, one-half crop gathered; September 5th, pods well matured; September 24th, all dry and gathered. This is decidedly the earliest and most prolific ripening variety test, and fully ten days earlier than the Standard Yokohoma, and the best variety that we have in the extreme north range for Velvet Beans, where it will mature good yield. In extreme South it is an excellent early fall cattle and hog grazer."

In Southern Georgia, 10 bushels of beans planted made 187 bushels beans. Grower says: "Planted May 3d; by June 10th was full of beans two inches long." Some call it *Early Bird*. Planted in corn, does not interfere with corn. Supply limited. Demand enormous. Price: 1 lb., postpaid, 35c. By freight, at your expense,  $\frac{1}{4}$  bu., \$2.25; 1 bu., \$7.00.

## Canada Field Peas

Valuable for Northern climate for cattle feeding, and when sown with oats are excellent hog feed, or they may be cut for hay. The hay is superior to the best clover or timothy. Used also as feed for pigeons, and for green soiling. Sow early in the spring, using two bushels to the acre. Price: 1 bu., \$10.00; 2 bu. or over, at \$9.75 per bu.

## Lentils

The seeds are eaten like navy beans, are excellent for soups and stews, and a capital addition to our food supplies. Quite popular in most European countries, and of late also in England. It prefers light, sandy soil, and gives a heavy crop, and is certainly worth trying. Sow in drills early in spring, about 60 lbs. to an acre. Price: 1 lb., postpaid, 50c. By freight, your expense, 10 lbs. or over, at 45c per lb.





SHALLU.

## Shallu

### A NEW CEREAL FROM INDIA

Shallu is one of the most productive cereals known to humanity, and was introduced in this country several years ago by the Louisiana Experiment Station. It has been tried in many parts of the country with splendid results. In habit of growth it resembles somewhat cane or sorghum, but differs from it in having white grains, which are enclosed in thin but firm hulls, and in being an enormous cropper. Each grain produces from three to eighteen stalks, and each stalk bears a large, loose head of fine plump grain.

The yield is something enormous. One hundred bushels per acre and over has been frequently harvested, besides a great amount of green fodder. Do not think this is a joke; we have planted Shallu ourselves and many farmers have bought Shallu of us, and all reports are that Shallu yielded close to one hundred bushels per acre or more. We know of no other field crop that gives better and more gratifying results than Shallu.

One of the greatest features about Shallu is its drought resisting quality. In prolonged drought, when corn dries up and turns yellow, Shallu stays green. Prolonged drought retards it in growth, but as soon as there is just a little rain it makes a vigorous growth and brings a full crop of grain of the finest quality.

**SHALLU AS A HAY CROP**—Shallu produces under the same conditions twice as much grain as corn, and besides this gives an abundance of hay. You may get a big crop of hay if you cut Shallu when it reaches the height of about three feet. After being cut it grows anew, and before frost yields a crop of excellent grain. If you would plant Shallu for hay only cut the stalks when it reaches the height of 3 or more feet. It may be cut several times during the season. Shallu ripens its crop in one hundred days in good corn weather. It will not mature north of Nebraska, Iowa, Illinois, and in similar latitudes. In Northern localities it is valuable as a hay crop only. But everywhere in Nebraska, Iowa, Illinois and south of these states it will give a good cutting of hay and a splendid crop of grain.

**CULTURE OF SHALLU**—Shallu is planted in the same way as corn, the only difference being that it must be planted somewhat later, say about two or three weeks later than it is proper to plant corn. Never plant Shallu earlier, for the crop requires warm weather from the start. It grows very fast and will mature at the same time corn does, even if planted four or five weeks later than corn. Shallu may also be planted broadcast. When planted in rows or hills like corn use 10 lbs. per acre. If sown broadcast use 15 to 20 lbs. of grain per acre.

**PRICES:** 1 lb., 30c. By mail, prepaid: 5 lbs., 85c; 10 lbs., \$1.65; 50 lbs., \$7.25; 100 lbs., \$14.00, not prepaid.

## Broom Corn

### IMPROVED EVERGREEN

This is strictly a green variety of brush, commanding a high price. Cultivate the same as corn, plant a little later than corn. Plant 10 lbs. to the acre. By mail, prepaid: 1 lb., 25c. Not prepaid, per lb., 10c.

### DOURA CORN

Similar to Jerusalem Corn, the only difference being that the grain is brown in color. Yields immensely. Plant 5 lbs to the acre. By mail, postpaid: 1 lb., 30c. Not prepaid: 10 lbs., \$1.60; 100 lbs., \$15.00.

### JERUSALEM CORN

The best and surest grain crop for dry countries and seasons. Superior to Kafir, Doura and Milo. It grows about five feet high, makes one large head on main stalk and several smaller heads on side shoots. Five pounds will plant an acre. By mail, postpaid: 1 lb., 30c. Not prepaid: 10 lbs., \$1.60; 100 lbs., \$15.00.

### KAFIR CORN

An excellent fodder, green or dried, and the grain is valuable for feeding poultry. It grows 4 to 5 feet high. By mail, postpaid: 1 lb., 20c. Not prepaid: 10 lbs., 75c; 100 lbs., \$6.00.

## Early Amber Cane

Cane or Sorghum furnishes a large yield of most nutritious forage which can be fed either green or cured, and will yield two or three cuttings during the season, stolling out thicker each time it is cut. It grows 8 to 10 feet high. Sow either broadcast or by drilling one or two bushels per acre, according to the richness of land, at any time from the first of May to the first of August. Some use a wheat drill, some plant with a corn planter, using the largest plates of the drill attachment, to get a sufficient amount of seed per acre, making the planter straddle outside rows, so that it will have twice as many rows as planted corn. Price: 1 lb., postpaid, 30c. By freight, your expense, ¼ bu., \$1.25; ½ bu., \$2.25; 1 bu., \$4.25; 2 bu., at \$4.00.



CANE.

All  
Seeds  
Guaranteed



KAFIR CORN.



BROOM CORN.

## Early Orange Cane

Similar in growth to the Early Amber, but it is claimed that it produces a heavier crop. This and Early Amber are not recommended for syrup purposes. The Syrup Drip variety is much better where it is desired to plant to make cane syrup. Price: 1 lb., postpaid, 30c. By freight, your expense, ¼ bu., \$1.25; ½ bu., \$2.25; 1 bu., \$4.25; 2 bu. or over at \$4.00.

## Sugar Drip Sorghum

Also called Georgia Cane. Falsely called "Texas Seeded Ribbon Cane." Undoubtedly one of the best varieties for making syrup. An immense producer of forage, one seed produces 7 to 8 stools and stalks. It is claimed that it yields in forage three times the amount Amber does. It makes a syrup of the finest quality, clear and fine-tasted, it is easier made up and takes less cooking and skimming than any other kind. If desired for making syrup it should be planted thinly, 5 lbs. of seed to acre being sufficient. Price: 1 lb., postpaid, 30c; ¼ bu., \$1.25; ½ bu., \$2.25; 1 bu., \$4.25.





JERUSALEM ARTICHOKEs.

## Jerusalem Artichokes

Artichokes make an enormous crop of nutritious feed for hogs. They will yield ordinarily twice as much as potatoes on the same land. Plant the same as Irish potatoes, cutting the tubers in pieces, one eye to each piece. Drop the pieces 15 to 20 inches apart in rows 3 feet apart, covering with about 2 inches of soil. Four to five bushels are required to plant an acre. They will mature late in fall, and if left in ground over winter will not be hurt by freezing. The hogs should be turned in on them, and they will help themselves by rooting for them. Henry says that they are a rank weed, but that is humbug. In Europe they have been cultivated for many years, and are considered a very valuable crop. Price: 1 lb., postpaid, 30c; ¼ bu., \$1.25, by express not prepaid.

## Hemp

Is raised for manufacturing purposes. In some localities this is a very profitable crop. Requires very rich soil to do well. Price: 1 lb., postpaid, 30c. By freight, your expense, 10 lbs., \$1.60; 25 lbs. or over, at 14c per lb.

## Primost Flax

This is a new pure bred variety, superior to common Flax. As compared with the average of three other commercial varieties. Primost showed an increase in yield of 22 per cent. It is practically wilt proof, and gives the very best of satisfaction. Price: 1 lb., postpaid, 30c. By freight, your expense, ¼ bu., \$1.75; ½ bu., \$3.15; 1 bu., \$6.00; 2 bu. or over, at \$5.75.

## BERMUDA GRASS

The great lawn and pasture grass of the South. It is a persistent grower and will spread, forming a thick, mat-like turf on the poorest, sandiest soil. It is also used for the purpose of holding embankments, creek banks and places exposed to wash during heavy rains. It is not hardy in the extreme North.

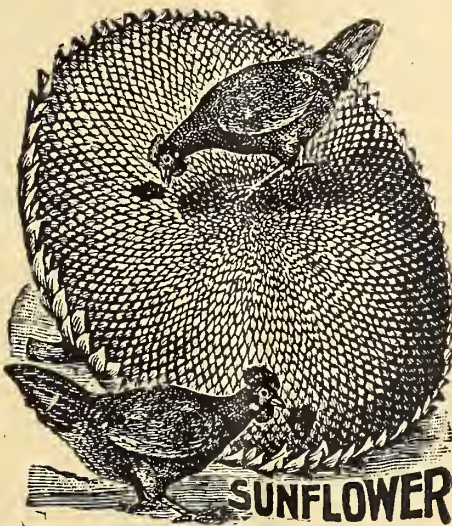
Price: 1 lb., 75c, postpaid. By freight, your expense, 10 lbs., 50c per lb.; 50 lbs., 45c per lb.

## Teosinte

A valuable forage crop for the South. A very small area of land planted in Teosinte will with proper cultivation yield a wonderful amount of green feed at a time when feed is usually scarce. Sow in June at the rate of 2 to 3 lbs. per acre, in drills 4 feet apart. Cultivate like corn. Price: 1 lb., postpaid, 85c.

## Sweet Clover (MELILOTUS ALBA)

A most valuable variety for soiling. The hay has a feeding value almost equal to Alfalfa and is relished by stock when once accustomed to it. Two or three cuttings can be made in a season. Does not require artificial inoculation and the same bacteria live on its roots as on alfalfa. Hence land that has grown this clover is inoculated for alfalfa. Sweet Clover is the most vigorous soil enricher of all the clovers and will make satisfactory growth on poor worn out soil which will not support ordinary farm crops. The root system alone has been estimated at about twenty tons of green weight per acre. It makes a profitable hay crop, if cut early before it gets too large, while the second crop may be harvested for seed. There are two kinds of Sweet Clover. The white blossomed and the yellow blossomed. White blossomed gives double of the yellow variety. What we offer is choice hulled seed of the white blooming variety. Sow 15 lbs. to the acre either in spring or fall. PRICE: By mail, postpaid: 1 lb., 45c. Not prepaid: 10 lbs., \$3.00; bu. of 60 lbs., \$16.25; 100 lbs., \$27.00.



## Mammoth Russian Sunflower

Produces enormous heads, measuring 15 to 20 inches in diameter. Will yield, under favorable conditions, 40 to 60 bushels to the acre. It is highly recommended for poultry, and the best egg producing food known. May be planted on a waste piece of ground, any time from early spring until middle of July, at the rate of 3 lbs. to the acre. The thick stalks may be used for fuel.

Price: 1 lb., postpaid, 30c. By freight, your expense, 10 lb lots and over, at 12c per lb. 100 lbs., \$9.00.

## AUSTRALIAN SALT BUSH

A forage plant for arid or alkali lands. The plant after three seasons neutralizes the soil so other plants will grow. One pound to the acre. Sow in garden bed and transplant seven feet apart. 1 oz., 10c; 1 lb., \$1.00, postpaid.

## SPURRY GIANT

Extensively cultivated in Europe as a winter pasture for cattle and sheep. It is an annual and grows well on poor, dry, sandy soil. By mail, postpaid, 1 lb., 30c. Not prepaid: 10 lbs., \$1.75.



JAPANESE BUCKWHEAT.

## Japanese Buckwheat

A popular variety of buckwheat. The plant is of stronger growth than common buckwheat, and resists blight and drought to a remarkable degree. The grains are a rich dark brown, has a thin hull and larger grain than either the common variety or Silver Hull. It ripens a week earlier than other varieties, and is perhaps the best for light and sandy soils and for the dry climate of the western states. Should be sown about the middle of June, at the rate of from ½ to ¾ bushels per acre. Should be threshed as soon as dry. Price: By mail, postpaid, 1 lb., 25c. By freight, your expense, ¼ bu., \$1.35; ½ bu., \$2.45; 1 bu., \$4.75.

## CASTOR BEANS

Largely grown in the Southern half of the United States and is a well paying crop. Will do well on any good corn land. Sow at corn planting time. Three pounds of seed will plant an acre. 1 lb., 55c, postpaid.



## CYCLONE SEED SOWER

A VERY POPULAR SEEDER AND VERY EXTENSIVELY SOLD.

This sower is guaranteed to distribute seed perfectly, evenly, and will not throw seed in an upward direction or against the operator, but direct and evenly to the land. Sows clover, timothy, red top or herds grass, alfalfa, oats, rye, wheat, millet, buckwheat, turnip and other varieties of farm seeds. It also distributes bone dust, land plaster and fertilizer to advantage. Clover seed is sown a width of 18 feet; timothy, 15 feet; alfalfa, 20 feet; wheat, 25 feet; millet, 18 feet; oats, 18 feet. Thus it will be seen that one operator can sow from 40 to 60 acres per day, according to the kind of seed. Price \$2.85.



## Chufas or Earth Almonds

Used to fatten hogs, also for human food. After the crop is grown, hogs may be turned into the field, thus saving the labor of harvesting and feeding. Plant at any time during May, June or July, in rows three feet apart, dropping three to five Chufas in a hill 20 inches apart; cover about two inches. Chufas make rapid growth after coming up, and they are very productive, nutritious and fattening. Suppose you try chufas for hog feed this year. It will pay you and pay you well. Plant a small patch for trial and see for yourself. Your hogs will fatten on chufas and this will save your corn. The corn you thus saved you may market for a good price. Chufas yields much more to the acre than corn and with less amount of labor, than is required to grow corn. Chufas easily yields 200 bushels of most nutritious nuts to the acre. You don't need to harvest them, the hogs will do the harvesting. Chufas can be successfully grown in the Northern states and will ripen as early as August in Nebraska or Iowa. Here is some proof that Chufas are a crop worth raising. At Arkansas Experiment Station one-third of an acre of Chufas supported three hogs, averaging 122 pounds each, for 46 days. The gain during the 46 days averaged 66 pounds per hog. In this test Chufas proved practically as good as dry corn for fattening purposes. What can be done in Arkansas can just as well be done in other states. One-fourth bushel is more than sufficient to plant an acre. Price: By mail, postpaid, pkt., 15c; 1 lb., 35c By freight,  $\frac{1}{4}$  bu., \$2.00.



CHUFAS OR EARTH ALMONDS

## Peanuts

**CULTURE:** Peanuts are easily grown and do best in light, loamy or sandy land. Use shelled peanuts and plant at corn planting time in rows 2½ feet, and in rows 10 inches apart, covering the seeds one or two inches. Keep the weeds down, and at the last working throw the dirt to the nuts. In harvesting plow the peanuts and then stack against stakes stuck into the ground, the roots with the peanuts on them to the center and the leaves outside. Thresh when dry. Fifteen to 20 pounds of peanuts will plant an acre.



VALENCIA PEANUTS.

### VALENCIA

The pods are close and well filled, containing from three to four very sweet and mild flavored nuts to each pod. The most valuable and desirable variety, and of all peanuts the most productive. By mail, postpaid: Pkt., 10c; pt., 25c; qt., 45c. Not prepaid: Per bu. (24 lbs.), \$7.50.

### VIRGINIA

This variety is the most generally grown for commercial use, and makes considerably larger nuts than the Spanish. Makes one of the most profitable crops that are grown in the South. By mail, postpaid: Pkt., 10c; pt., 25c; qt., 45c. Not prepaid: Per bu. (24 lbs.), \$7.50.

All Prices Quoted in  
This Catalogue Are  
Subject to Market  
Changes



SPANISH PEANUTS.

### SPANISH

This variety is the earliest of all peanuts and will mature in the Northern States. The nuts are very sweet and used largely as a substitute for almonds. By mail, postpaid: Pkt., 10c; pt., 25c; qt., 45c. Not prepaid: Per bu. of 24 lbs., \$7.50.

## Hog Pasture Mixture

If you want to invest some of your money at a profit of 1,000 per cent, sow a few acres with this Hog and Pasture Mixture. It is composed of 17 different grains and forage plants, many of which grow again as fast as fed down. The following forage plants predominate in our mixture: Sand Vetch, Spring Vetch, Dwarf Essex Rape, Cane, Japanese and Siberian Millet, Cow Peas, Soja Beans, Canadian Peas, Turnips, Barley, St. John's Rye and Shallu.

This combination of forage gives immense returns. One acre will produce more feed than five acres of best corn. A customer of ours told us that he estimated the yield of green forage to be at least 25 tons, and he says that it grows faster than stock can eat it. There are many vacant lots and places on the farm which can be sowed down with this mixture and thus utilized and made to return immense profits instead of growing unsightly weeds. By sowing the mixture you will have an immense quantity of succulent green fodder during the hottest part of the summer and in a time when fodder of this nature is needed the most. It should be sowed in May or later at the rate of 35 to 50 lbs. to the acre. Harrow the seeds in thoroughly. Be sure to try this mixture. The amount of fodder that it will produce will astonish you. This mixture must not be sown sooner than corn planting time.

Price: Not prepaid: 25c lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.50.



## Sugar Beets

**CULTURE:** Sow and cultivate the same as mangels, except that they should be thinned out six to eight inches in a row.

### KLEIN WANZLEBEN

Very productive, flesh snow white. The most popular sugar beet. Pkt., 5c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.35, postpaid.

### FRENCH RED TOP

One of the sweetest and best sugar beets. Very productive on good soils, and will give immense crops, yet it grows well in almost any kind of soil. Also desirable for stock of all kinds. Pkt., 5c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid. Not prepaid: 5 lbs., \$6.50.

### SPRING VETCH

This variety is of the same relative value as the Sand or Winter Vetch, but it has to be sown in the spring, as it is not hardy. Does well on poor and weedy land; has to be sown with small grain same as the other variety. Price: By mail, postpaid: 1 lb., 30c. Ask for prices.

### SAND OR WINTER VETCH



SAND VETCH.

This is one of the most valuable forage crops both for the North as well as the South, succeeding well on poor and sandy soils and producing enormous crops of green fodder on good soils, running from 10 to 15 tons to the acre or producing all the way from five to seven tons of excellent hay equal in nutritive value to clover. Perfectly hardy, remaining green all winter, and should be sown during August and September with rye or wheat, or in the spring with oats or barley, at the rate of 20 to 25 lbs. to the acre, with 1 bushel of oats or  $\frac{3}{4}$  bushel of wheat to furnish support for the vines. As a soil enricher it has but few equals, and the Department of Agriculture in Washington estimates the value of a plowed under crop of this Vetch as equivalent to putting into the ground \$16.00 to \$45.00 worth of commercial fertilizer to the acre. When intended for hay it should be left standing until the flowers, for the most part, give way to pods, and half the seeds become well formed. The ripened seeds will be scattered around upon the ground, and when to this some rye or wheat is added and harrowed in, there will be another crop in early spring or excellent pasture during fall. Sand Vetch should be sown

in the fall everywhere in the South and also in the dry Western regions. It will make a luxuriant growth during the fall and spring months; it will yield a bountiful crop which may be cut and stored before the drouths set in. Price: By mail, postpaid: 1 lb., 40c. Not prepaid: Ask for prices.

I am perfectly satisfied with your seeds. Your Apollo Tomato is the best I know of, and also a big money maker.  
J. SIRNY.

### RAPE, DWARF ESSEX

This crop is very highly recommended for pasture, for sheep and cattle, furnishing rich, nutritious pasturage within six to eight weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. In the Northern states it should be sown in September or October, as it thrives best in cool weather. For pasturing sheep or cattle, Dwarf Essex Rape is hard to beat. If cut about four inches from the ground it starts to grow again, and in this way the crop is much better utilized than when sheep or cattle are turned in. Danger from bloating: There is no danger to hogs from bloating, but cattle and sheep may suffer if sufficient care is not taken. Keep the animals freely supplied with salt and it is best to give the animals a full feed of grain just before they are turned into the rape or have them well satisfied with other food just before they are turned into the rape. Sow 5 lbs. per acre broadcast. By mail, postpaid: 1 lb., 30c. Not prepaid: 10 lbs., \$1.90; 25 lbs., \$4.25; 100 lbs., \$16.00.



HEADS OF FETERITA.

## Feterita

Growers who tried this are very enthusiastic about it, and claim it is the best forage crop they have. It produces a stalk of medium height, bearing 10 to 12 leaves of medium size and a large head, well filled with pure white or bluish white seeds. The grain is larger than Milo, is fully as soft and much whiter than Kaffir. Its feeding value is equal to either Kaffir or Milo and does not contain the dust that accompanies the other two. Feterita is an excellent drought resister. It stands erect, branches out from the root and matures 26 days earlier than Kaffir. Yields of from 50 to 80 bushels per acre were reported last season. Price: Per lb., 30c, postpaid. Not prepaid: 5 lbs., 75c; 10 lbs., \$1.45.

## Tree Seeds

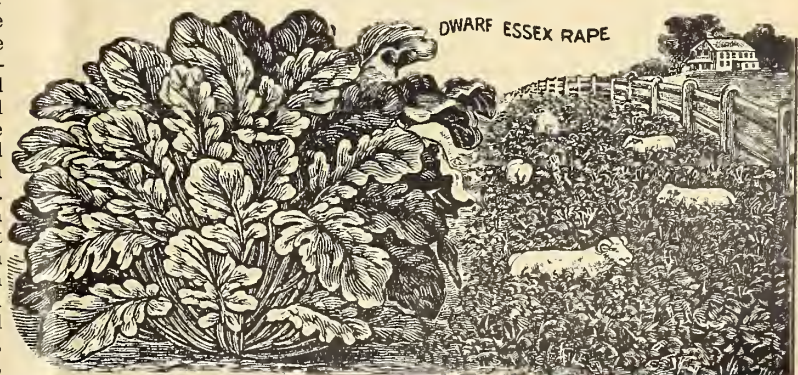
Evergreen seeds should be sown very early in spring, in a firm, sandy seed bed. Give the young seedlings some shade the first summer. Apple, Pear and Locust should be mixed with sand in boxes and exposed to frost; where this cannot be done, soak in hot water for an hour before sowing. The other deciduous seeds can be sown in April or May in drills two feet apart.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	1 Lb.
APPLE .....	\$0.05	\$0.10	\$0.25	\$0.85
ARBOR VITAE AMERICAN .....	.10	.25	.85	3.25
AUSTRIAN PINE .....	.10	.25	.85	3.25
CATALPA SPECIOSA .....	.10	.25	.75	2.50
CAROB TREE .....	.10	...	...	...
COLORADO BLUE SPRUCE .....	.10	.70	2.50	8.50
EUCALYPTUS (Bastard Mahogany)... ..	.15	.70	2.50	8.50
LINDEN EUROPEAN .....	.05	.20	.65	2.00
LOCUST HONEY .....	.05	.10	.20	.65
MULBERRY RUSSIAN .....	.05	.20	.60	2.00
OSAGE ORANGE .....	.05	.15	.25	.85
PEAR SEED .....	.10	.25	.75	...
PEAR SEED (From Japan).....	.10	.20	.65	...
SPRUCE NORWAY .....	.05	.25	.60	2.50

## Small Fruit Seeds

These germinate slowly. Sow them early.

**STRAWBERRY MIXED**—Contains seeds of large fruited varieties; may produce valuable sorts. Pkt., 10c; oz., \$1.50.  
**GOOSEBERRY SEED**—Large fruited varieties mixed. Pkt., 10c.  
**CURRENT, RED**—Pkt., 10c.  
**CURRENT, WHITE**—Pkt., 10c.  
**RASPBERRY SEED**—Large fruited sorts mixed. Pkt., 10c.





## Bonvallet's Giant Asparagus

Undoubtedly the best variety and one that will soon displace all other sorts. From ten days to two weeks earlier than the old varieties, finer flavored, with stalks which frequently measure two inches in diameter, and even when 12 to 15 inches long, are perfectly tender. Pure white when planted deep, and purple tinged when grown in the usual way. The greatest value of any Asparagus lies in the size of the stalks. Bonvallet's Giant has stalks that frequently weigh three to a pound. It is plain to any market gardener that stalks like this will bring more money, besides being always more readily salable than short and thin stalks of some of the old varieties. Bonvallet's Giant, while not immune from disease, withstands rust better than any other sort. Pkt., 10c; oz., 15c.; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.

### ASPARAGUS, STARKEY'S MAMMOTH

Produces heavy green shoots of the finest quality, and brings highest market price. The best variety for green grass. The most rustproof of any Asparagus on account of its very vigorous growth. Pkt., 5c; oz., 10c; ¼ lb., 45c; 1 lb., \$1.50.

**EARLY GIANT ARGENTEUIL**—Large, very vigorous, and high resistant to rust and has one of the finest flavors. Original French seed. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., 95c.

**BARR'S MAMMOTH**—Resembles the Palmetto and is the favorite variety with many gardeners, especially those that supply the Philadelphia market. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c, prepaid.

### ASPARAGUS ROOTS

**BONVALLET'S GIANT**—2-year-old roots. Doz., 35c; 50, \$1.00; 100, \$2.00, postpaid. By express, not prepaid: 1,000, \$10.50.

**PALMETTO**—2-year-old roots. Doz., 25c; 50, 65c; 100, \$1.25, postpaid. By express, not prepaid: 1,000, \$9.00.

### PALMETTO

Standard, light green grass. Preferred by many market gardeners because it seems to be disease proof, and because of its high yielding qualities. The seed we offer is grown by a specialist in New Jersey and is an absolutely true and dependable stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c, postpaid.

**COLUMBIAN MAMMOTH WHITE**—A valuable variety because its stalks stay nearly white without earthing up. Fine for canning. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c, postpaid.

## Burpee's Improved Bush Lima Bean

A new Bean, and the best of all large seeded Bush Limas for general cultivation. Compared with either the New Wonder or the old Burpee's Bush Lima, this new bean is fully a week earlier, besides being much more productive, and the vines being uniformly upright. The pods are over an inch wide, 5 to 6 inches long, and borne in clusters of from four to eight. The shelled beans are easily pulled off and of the most excellent flavor. As stated above, this is the most valuable Bush Lima Bean for both the market gardener and amateur. Pkt., 10c; pt., 45c; qt., 85c, postpaid. ½ pk., \$2.75; 1 pk., \$5.25; 1 bu., \$20.00, not prepaid.

### FORDHOOK BUSH LIMA BEAN

The best potato or thick seeded Bush Lima Bean. The vines are firm and erect, pods borne well above the ground containing from three to five very large beans. This Bean is in every way superior to Dreer's, Thorburn's, or Kumerle Bush Lima. In fact, it is the acme of perfection, surpassing any other strain of Potato Lima. The plants are robust, over a foot and a half tall, with shining dark green foliage, upright without any objectionable runners whatever, requiring no stakes or poles, and bear from July till frost. The pods are in clusters of from five to eight each, containing usually four large beans nearly as large as those of large Pole Limas, of excellent quality, tender, rich, and buttery, with the true Lima flavor. Fordhook Bush Lima entirely displaces any other form of Potato Bush Lima Beans, being a week earlier, nearly twice as productive, and bearing till killed by frost. Fordhook Bush Lima has pods twice as large as any other Potato Bush Lima, and Beans twice the size of old varieties. Pkt., 10c; pt., 45c; qt., 85c, postpaid. ½ pk., \$2.60; 1 pk., \$5.00; 1 bu., \$19.00, not prepaid.

### CARPINTERIA POLE LIMA BEAN

This is the most perfect Pole Lima Bean on the market. Is productive as any white Lima, and greatly superior in quality. Unlike other varieties, Carpinteria has seeds with a handsome green tinge, and same is retained longer in this variety than in any other Pole Lima Bean, either in dry or ripe state. The vines are very vigorous and strong in growth, laden with large pods filled usually with thick, broad beans. The superb quality, tenderness and rich flavor, combined with wonderful productiveness, renders Carpinteria the peer of any Lima Bean grown either for home or market, and is used for a green and cured Bean. Pkt., 15c; pt., 45c; qt., 75c, postpaid. ½ pk., \$2.50; 1 pk., \$4.50, not prepaid.

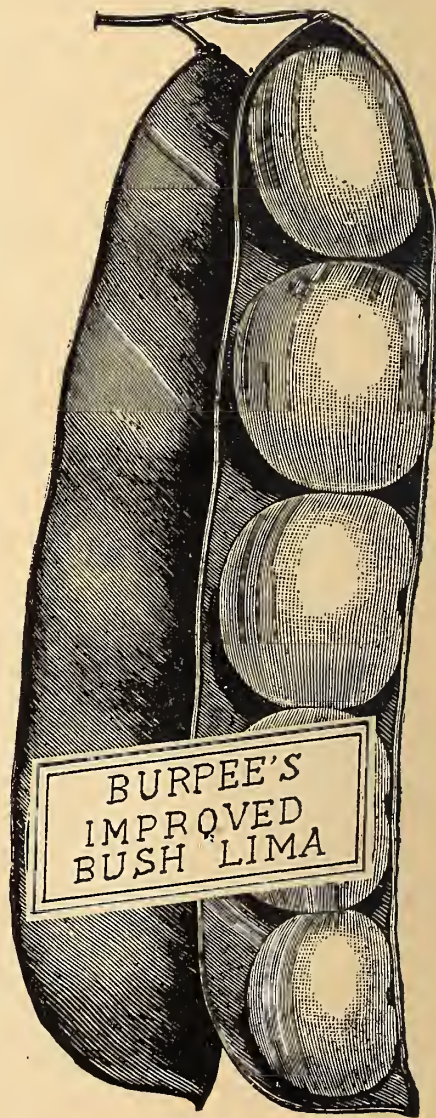
**IDEAL POLE LIMA**—The best main-crop Pole Lima grown. Pkt., 10c; pt., 40c; qt., 75c, postpaid.

**BUSH LIMA (HENDERSON'S)**—Earliest of all true Limas; a reliable cropper, very productive, free from mildew, and of compact form. Pkt., 10c; pt., 45c; qt., 75c. By express, pk., \$4.00.

**BUSH LIMA (DREER'S)**—A dwarf variety of Dreer's Improved Lima; very prolific, single plants often producing from 150 to 200 pods, each pod holding 3, 4 or 5 beans of excellent flavor. Does well even in dry seasons. Pkt., 10c; pt., 45c; qt., 75. By express, pk., \$4.75.



BONVALLET'S GIANT.







## New Admiral Wax Bean

### A WONDERFUL EARLY LONG-POD WAX BEAN

Admiral Bean excels all other Wax Beans in every respect, especially so in quality and fine appearance of the pods. Admiral Bean has long straight pods, which are of lustrous appearance, round, and very meaty, from 5 to 6 inches long and absolutely stringless. The originator of this Bean, a market gardener, gained an advantage over his competitors in securing a better price and a more ready sale as long as his crop lasted. Admiral Bean was originated by a veteran market gardener near Chicago. He quietly kept the seed to himself for ten years. In all that time he was the first man on the market to offer these Beans of greatly superior quality. He made a fortune out of the sale of this Bean. Admiral Bean is sold by us only. In order to get new and superior kinds of seeds, we are making trips to gardening centers of the country every year. Several years ago in the vicinity of Chicago, we learned about this new Bean, and found the gardener who had developed this new and wonderful Bean. We secured only a small lot of the seed. We have nursed it along, and now have enough seed to offer in limited quantities to our customers. Order early if you wish to get acquainted with this important novelty. If you want the most productive, the earliest, the most beautiful, the most salable, the tenderest Wax Bean you have ever raised, by all means plant our New Admiral Wax Bean. The genuine seed is sold only by us. Pkt., 10c; pt., 45c; qt., 85c, postpaid. One-fourth bushel, \$5.00, not prepaid.

### IMPROVED GOLDEN WAX BEAN

A standard Wax Bean in all sections of the country. Snap pods uniform in size, medium in length straight, and oval through cross section, deep yellow in color, thick and almost all solid flesh, brittle, stringless and of good quality. Improved Golden Wax is the most reliable of the extra early Wax Beans and free from spot or rust, and is suitable for either home or market. Pkt., 10c; pt., 40c; qt., 75c postpaid. Not prepaid: 1 pk., \$4.75.

### ROUND POD KIDNEY BEAN

Also called Brittle Wax. One of the most desirable of the round pod varieties. Resembles the Pencil Pod Black Wax variety, and generally regarded as equally useful and valuable, excepting that its seeds have the superior quality of being almost white in color. This is certainly a good bean. Pkt., 10c; pt., 40c; qt., 75c, postpaid. Not prepaid: 1 pk., \$4.75.

### HODSON WAX BEAN

Hodson Wax is a quite distinct type of Bean. It out-yields any other Bush Bean two to one, the vines being extremely large and vigorous. Hodson Wax should be thinned out to at least 6 inches apart in the row. It is the most reliable medium early Wax Bean for market gardeners, especially in the South, and is also highly valuable for home gardeners. The pods are often 7 to 8 inches long, very handsome, and if picked while young are quite tender. Hodson Wax is very hardy and free from bean diseases. It comes to bearing about two weeks after the early sorts, and then it bears continuously until frost. Pkt., 10c; pt., 45c; qt., 75c, postpaid. Not prepaid: 1 pk., \$4.75.

### MONSTER STRINGLESS WAX BUSH BEAN

#### LARGEST PODDED WAX BEAN

This new dwarf Wax Bean has attained top notch among Beans of this class. Pods are 6 to 8 inches in length, straight, and very meaty. It is stringless, tender and free from fiber. It can be used on the table up to the time the Bean is almost ripe. In size it is decidedly the largest of all Bush Beans. Monster Stringless Wax Bean is as early as the well known Wardwell's Kidney Wax. A sure winner, and ideal for the rich black soil of our Western states. Pkt., 15c, postpaid.

## Wardwell's Kidney Wax Bean

### LONG, NEARLY STRAIGHT PODS

#### TENDER AND STRINGLESS

Very good and popular Bean, both for home and market garden use. Pods of extra good quality, entirely stringless, exceedingly brittle, very long, flat, broad, and of a fine yellow color; when conditions are right it is one of the most showy and productive of all Wax Beans. This is a great favorite in the Western and Southern states. Pkt., 10c; pt., 45c; qt., 85c, postpaid. 1 pk., \$5.25, not prepaid.



HODSON WAX.





BOUNTIFUL BEAN.

**STRINGLESS GREEN POD BEAN**

One of the leading green podded varieties. Popular because of general reliability, hardiness, productiveness, and tenderness, adapted for all sections of the country, largely grown by market gardeners, and unsurpassed for home use. The pods are nearly straight, round, dark green, extremely brittle, absolutely stringless, of a very good quality. Early and very productive. Pkt., 10c; pt., 45c; qt., 85c, postpaid. 1 pk., \$5.00, not prepaid.

**LONGFELLOW BEAN**

The pods are solid, and fleshy, averaging  $6\frac{1}{2}$  inches long; tender and brittle, having no strings when broken, excepting when the pods are quite old. Longfellow is highly prized by market gardeners in some parts of the South. The strong points in favor of this variety are that the pods when well grown are absolutely straight, round and of fine appearance. Pkt., 10c; pt., 45c; qt., 80c, postpaid. Not prepaid: 1 pk., \$5.00.

**FULL MEASURE BEAN**

This is an excellent new variety. The pods are absolutely stringless, round, very meaty, straight, and about six inches long, of the very best flavor. The vines of Full Measure are very robust and highly productive. In season Full Measure is a medium early and when planted at the same time with Stringless Green Pod it will yield a crop when the earlier variety has just ceased to bear. Full Measure is a fine main crop variety with a green round stringless pod. Pkt., 10c; pt., 40c; qt., 75c, postpaid. 1 pk., \$4.75, not prepaid.

**Black Valentine**

Unsurpassed in hardiness, excellent for shipping and one of the most uniformly productive, reliable and handsome podded varieties. Highly prized by market gardeners in many parts of the South. The pods are longer and more perfectly formed than those of Red Valentine, but on the other hand are not quite as tender. Market gardeners are well acquainted with this Bean. Not recommended for the home garden. Pkt., 10c; pt., 35c; qt., 65c, postpaid. 1 pk., \$3.25, not prepaid.

**MARROW PEA**

A fine field sort, and most extensively planted; average yield 40 bushels per acre. Very early and hardy. The ripened seed is pearly white and of a fine flavor. Pkt., 10c; pt., 25c; qt., 65c, postpaid. 1 pk., \$3.25, not prepaid.

When beans are shipped by express at purchaser's expense deduct postage as follows from prices quoted: 8c per pint and 15c per quart.

# Bountiful Bean

**THE EARLIEST GREEN PODDED BEAN**

No one will make a mistake by planting this Bean, whether for selling in the market or for private use, for it would be quite hard to find a better Bean that would have as many good points as Bountiful. It is very early, very productive, and bears nearly all season. The snap pods are uniform in size, very long, straight, brittle, stringless, meaty, and quite broad, of a rich green color. It is very easy to pick pods. They are borne both above and below the foliage, and the pods are so close together that one can pick a basket of them in a very short time. This Bean is rapidly gaining in popularity, and those who have grown it are most enthusiastic in its praise. The market gardeners say that this Bean sells itself and owners of home gardens says that it is the finest flavored, most tender and productive Bean they have ever eaten. Pkt., 10c; pt., 45c; qt., 80c, postpaid. By express or freight not prepaid:  $\frac{1}{4}$  bu., \$4.75.

**IMPROVED EARLIEST RED VALENTINE**

Red Valentine is a standard variety of over fifty years standing. It is popular with market gardeners, and also with amateurs, because it is early, reliable and of excellent quality. Pods remain tender for a long time, and are very fleshy. Red Valentine is a Bean that will germinate in soils where other varieties would rot, and withstands even light frosts. Red Valentine is the earliest and hardiest green podded Bean of quality on the market. Pkt., 10c; pt., 35c; qt., 65c, postpaid. 1 pk., \$4.50, not prepaid.

**EXTRA EARLY REFUGEE**

A form of the old Refugee or 1,000 to 1. It is two weeks earlier, has fine medium long, round, green pods, of very good quality, nearly stringless, and free from spot and rust. Popular with market gardeners in the South for shipping. Pkt., 10c; pt., 30c; qt., 55c, postpaid. Not prepaid: 1 pk., \$4.25.

**EARLY MOHAWK**

Very popular old sort, early, hardy, pods very long, flat, rather stringy. Fine shipper, it is a very profitable variety for market gardening. Pkt., 10c; pt., 30c; qt., 55c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$4.00.

**LONG YELLOW SIX WEEKS**

Hardy, reliable, quite productive, handsome of even shape, one of the best for market gardening. Pods long, light green. An unusually fine shipper. Pkt., 10c; pt., 30c; qt., 55c, postpaid. Not prepaid: 1 pk., \$3.75.

**DWARF HORTICULTURAL**

A very fine variety, good for snapshorts, entirely stringless and brittle. Any surplus beans not needed for use during the summer make excellent soup or baking beans for winter. Pkt., 10c; pt., 30c; qt., 55c, postpaid. Not prepaid: 1 pk., \$2.75.



FULL MEASURE BEAN.



**CURRIE'S RUST-PROOF WAX**

As nearly rust-proof as any wax bean can be. The pods are 5½ to 6 inches long, straight, of a beautiful golden color; come early and present a most attractive appearance—all qualities that go to make a first-class shipping bean. Pkt., 10c; pt., 40c; qt., 75c, postpaid. Not prepaid: 1 pk., \$4.75.

**GERMAN BLACK WAX BUSH BEAN**

Very early, productive, pods long, tender, stringless, and very handsome. Excellent for home or market. Pkt., 10c; pt., 40c; qt., 75c, postpaid. Not prepaid: 1 pk., \$4.75.

**PENCIL POD BLACK WAX**

One of the best wax beans for home use and for market gardeners where the highest quality is desired. Pods 6 to 7 inches long of rich yellow color absolutely without strings and fiber, round, deeply saddle-backed and quite straight. Pkt., 10c; pt., 40c; qt., 75c, postpaid. Not prepaid: 1 pk., \$4.75.

**PROLIFIC BLACK WAX**

An excellent variety, more productive, hardier, more reliable, and generally superior to German Black Wax. Pods uniform in size, medium short, generally more or less scimitar curved, round, medium yellow in color, very brittle, stringless, without fiber, of excellent quality, somewhat subject to athracnose. One of the best Bush Wax Beans with round pods. Pkt., 10c; pt., 40c; qt., 75c, postpaid. Unprepaid: ¼ bu., \$4.75.

**BURPEE'S KIDNEY WAX**

This new Bean is a great improvement over Wardwell's Kidney Wax Bean. Its pods are straighter, more even, more handsome, just as early as Wardwell's, but far more productive. The pods are very fleshy, not as flat as those of Wardwell's variety, yet fully as long. The plants are large, of vigorous growth, without runners, bearing enormous quantities of pods. The seeds are almost white. Without doubt a very valuable new Bush Wax Bean that should be planted in place of either Wardwell's Kidney or Round Pod Kidney Wax. Pkt., 10c; pt., 45c; qt., 85c, postpaid. Unprepaid, ¼ bu., \$5.25.

## Green Gem Bush Bean

**BEARS LONG, MEATY STRINGLESS PODS. A PROLIFIC AND CONSTANT BEARER. THE KING OF ALL GREEN POD BEANS.**

This new bean is a great improvement over the Bountiful variety. It has all the good points of the famous Bountiful; namely, it is very early, bears for a long period, has long, heavy and meaty pods, is entirely stringless, has no fiber, and the pods are of excellent flavor. It surpasses Bountiful in having more symmetrical and more attractive looking pods and in having seed almost white. The seed is white, splashed more or less at eye side with yellowish brown, which coloring also surrounds eye. It originated from the Bountiful. The vines are hardy, sturdy and well leaved. It is a very valuable new bean, and all gardeners and truckers will make no mistake by giving this variety a fair trial. Pkt., 10c; pt., 35c; qt., 65c, postpaid.

## Sure Crop Wax Bean

This is a very valuable market gardeners sort. Early, productive, reliable, a fine shipper, and uniformly straight and handsome podded. The pods are very uniform in size, long, straight flattish oval of golden yellow color and absolutely stringless. Seed black. Much like Currie's Rust-proof, but superior to it on account of absence of fiber and stringiness in the pods. Pkt., 10c; pt., 45c; qt., 85c, postpaid. Not prepaid: ¼ bu., \$5.00.

**DAVIS KIDNEY WAX**

A valuable bean for market growers, very early and very productive. Peculiar for its even maturity and its uniformly large, straight, clear yellow, symmetrical and attractive pods. The beans are white and make excellent shell beans for winter use. Pkt., 10c; pt., 40c. 1 pk., \$5.00, not prepaid.

## Pole Beans

**BURGER'S STRINGLESS GREEN POD BEANS**

**Marvel of Productiveness, Seeds White**

This is decidedly the best green podded snap Pole Bean. Extremely early, meaty, tender and delicious. Its absolute stringlessness certainly makes it superior in quality, and its white seed and solid green pods are also decided merits. The pods hang in clusters and the vine is practically covered by them. Excellent for planting among corn, and exceptionally good for either snap or shelled beans. Pkt., 10c; pt., 40c; qt., 70c, postpaid. 1 pk., \$4.50, not prepaid.

**IMPROVED KENTUCKY WONDER POLE BEAN**

Also called Old Homestead. An improved strain of the Southern Prolific, heavily productive. Pods 7 to 9 inches long, straight; when young stringless, fleshy and oval shaped; light green. Widely known and popular. Pkt., 10c; pt., 40c; qt., 70c, postpaid. 1 pk., \$4.50, not prepaid.

**EARLY GOLDEN CLUSTER POLE BEAN**

One of the best Wax-podded Pole Beans. Produces fine yellow pods 6 to 8 inches long in clusters of four to six. Very early; pods tender, stringless and of fine flavor. Bears until frost. The dry beans are large and white, and make an excellent shell bean for winter use. Pkt., 10c; pt., 35c; qt., 65c, postpaid. 1 pk., \$3.25, not prepaid.

**FRENCH ASPARAGUS POLE BEAN**

Also called Yard Long Bean. The vines are very large and vigorous, the pods often measure 3 feet or more in length. Besides being interesting for its very long pods it is one of the most delicious and productive of Pole Beans. Pkt., 10c, postpaid.

**KENTUCKY WONDER WAX**

This wax podded pole bean commences to bear when scarcely higher than the average bush varieties, and keeps on producing until killed by frost. Vines densely laden with a solid mass of long, thick and meaty yellow pods entirely stringless. Pkt., 10c; pt., 40c; qt., 70c, postpaid. By express or freight, not prepaid: 4 qts., \$2.50; pk., \$4.50.

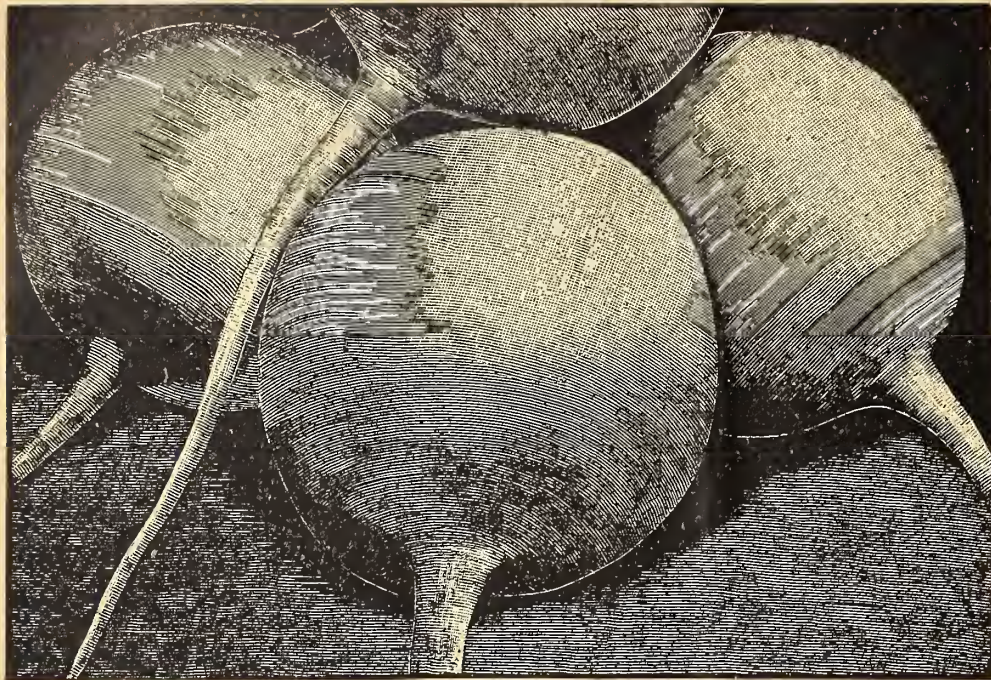
**SCARLET RUNNER**—A good snap bean as well as very ornamental, having bright red flowers. Pkt., 10c; pt., 35c; qt., 70c.

**LAZY WIFE**—Thick stringless long pods borne in quantity. Also an excellent shell bean. Pkt., 10c; pt., 35c; qt., 65c.

**CREASEBACK**—Early pods, long round, green, tender and stringless. White beans. Pkt., 10c; pt., 35c; qt., 65c.

**DUTCH CASEKNIFE**—Early, long green, flat pods. White seed. Pkt., 10c; pt., 35c; qt., 65c.





NEW EARLY MODEL BEET.

## Crosby's Egyptian Beet Selected Stock

### A PERFECT BEET IN EVERY WAY

There is no better variety of beet for early bunching than Crosby's Egyptian, but as in everything there is a difference in stock of this beet. Some stocks are badly mixed and are poor; other stocks are fairly uniform in size and good in general, but there is a stock that is perfect in every way, and this is the stock that we are offering to you in our selected stock. The quality of our selected stock of Crosby's Egyptian Beet is supreme, and we are sure that whoever will plant our seed will quickly see that the product raised from it is remarkably superior to most beets of similar class. This seed costs a little more, but it is fully worth the price we ask for it. Pkt., 10c; 1 oz., 20c; ¼ lb., 65c; 1 lb., \$2.25, postpaid.

### CROSBY'S EGYPTIAN BEET

The most popular and earliest beet, both with truckers and private gardeners. This beet is thicker, smoother and of better shape than Early Flat Egyptian, from which sort it originated, and of a deep red, almost black color. Flesh sweet, tender and of excellent quality. Earlier than any other. It makes most desirable small beets for early sales. If left growing, produces very large roots. Tops small, just right for early bunching. This beet is turnip-shaped even in the early stages of its growth. Our seed of this beet it grown by the most careful and experienced grower in France. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.75, postpaid. 5 lbs., \$7.50; 10 lbs., \$14.00, not prepaid.

### DETROIT DARK RED BEET

The most popular variety throughout the west. It is planted by truckers, market gardeners, pickle factories, and in home gardens. It is a beet of the very highest quality, very early, extremely fine shaped, with sweet, tender flesh and of a solid deep red color. A grand sort for bunching for market. Our seed is of exceptionally good quality, being grown from extra selected, fine shaped and dark fleshed roots. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 65c; 1 lb., \$2.25, postpaid. 5 lbs., \$11.00; 10 lbs., \$20.00, not prepaid.

### CRIMSON GLOBE BEET

An extremely fine looking early variety, perfectly globe shaped, entirely free from rootlets, leaving the skin smooth and clean. The roots average 12 inches in circumference, the foliage is small, of a rich bronze-purple. The flesh is deep purplish crimson, slightly bronzed, of the best quality, and is always sweet and tender, and free from fiber or toughness. It is an excellent sort in the home garden, and quite popular among market gardeners. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

### ECLIPSE

Eclipse is as early as the Egyptian, roots nearly globular, fine grained and tender, of bright red color. Top very small. Quite popular sort with gardeners in many parts of the country, especially in the East. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

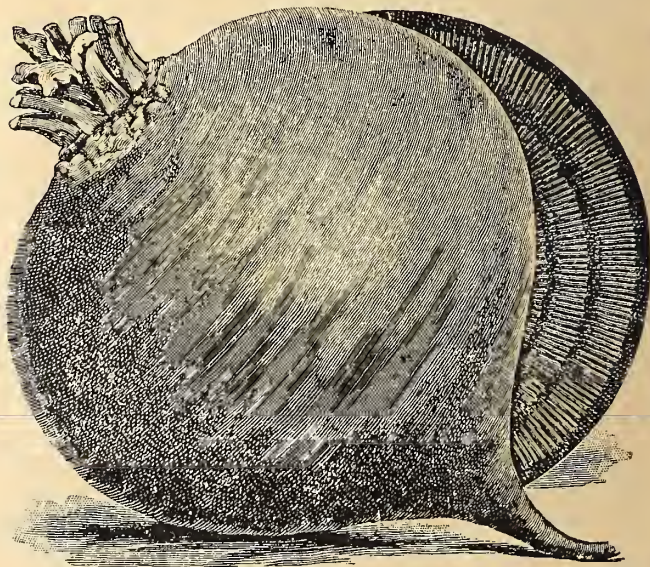
### ELECTRIC

As early as the Egyptian, almost round, with small foliage, color very dark red, with rings of lighter hue. Quality excellent. Popular in the Eastern markets. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

## New Early Model Beet

### A SPLENDID SECOND EARLY VARIETY

A highly improved form of table beet of English origin. Only a few days later than the well known Egyptian, but surpassing that variety in flavor, perfect shape of roots and color. Free from side or fibrous roots, being always smooth, tap roots small, flesh very solid, fine grained, sweet and of deep intense red color. This is a variety that will satisfy all, for it makes a good crop in about seven weeks from sowing. It is excellent for forcing, for a main spring or summer crop, and for winter use, for it is a remarkably good keeper. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 65c; 1 lb., \$2.25, postpaid.



DETROIT DARK RED BEET.



**ONE OUNCE OF BEET SEED WILL SOW 600  
FEET OF DRILL. 5 LBS. WILL SOW AN ACRE**

### HALF LONG BLOOD

An excellent sort for winter use. Roots perfectly smooth, not as long as the Long Blood, but weighing as much on account of their thickness. Flesh very dark red, rich, sweet, crisp and tender, entirely without fiber or toughness even in the exposed portions of the root. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, postpaid.

### LONG SMOOTH DARK RED

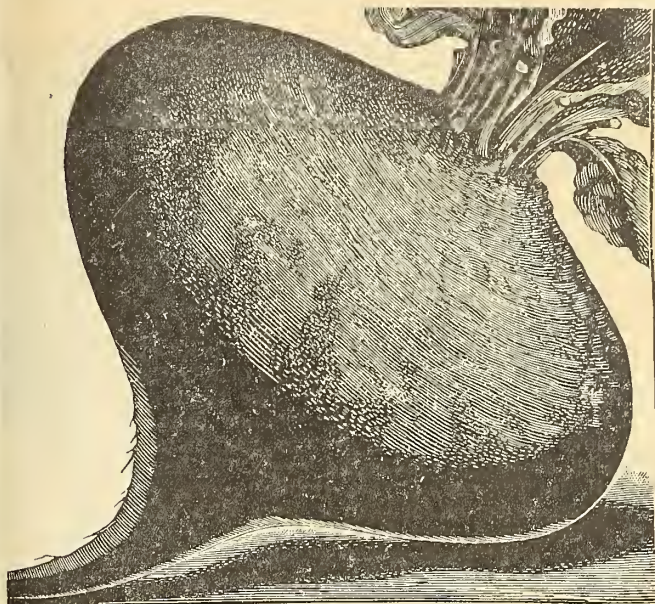
Roots long, smooth, seldom more than two inches in diameter, flesh very tender and sweet, deep red. Of all beets this is the longest keeper. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; 1 lb., \$1.50, postpaid. 5 lbs., \$6.50, not prepaid.

### IMPROVED EXTRA EARLY EGYPTIAN BEET

Extra early, producing flat, smooth, turnip shaped roots, about 2 inches in diameter. Flesh deep red, and very sweet and tender. An old standard sort and the most popular variety among market gardeners for forcing. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.75, postpaid. 5 lbs., \$7.50, not prepaid.

### EDMAND'S IMPROVED BLOOD TURNIP

A handsome, clean turnip-shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



EARLY EGYPTIAN BEET.

### DEWING'S BLOOD TURNIP

A medium early, dark blood, turnip-shaped sort, with a medium sized top. It is grown quite extensively for a pit beet to sell through the winter months, as it is a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75; 10 lbs., \$15.00.

### BRUSSELS SPROUTS AMAGER MARKET

The very best variety of Brussels Sprouts of Danish origin. Of half dwarf, sturdy growth, producing abundantly large solid dark green Sprouts. Very hardy and less liable to aphids than other sorts. Pkt., 10c; ½ oz., 35c; 1 oz., 60c, postpaid.

### IMPROVED EXTRA DWARF BRUSSELS SPROUTS

Dwarf habit, the stems are thickly set with Sprouts, which grow about one inch in diameter. Pkt., 5c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00, postpaid.

### PARIS MARKET BRUSSELS SPROUTS

Less than two feet in height, of straight habit, bearing a large crop of excellent compact solid Sprouts. Pkt., 5c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

### LARGE WHITE MAMMOTH BROCCOLI

Heads compact, and most certain to head, white and of a large size. Pkt., 5c; ½ oz., 35c; 1 oz., 60c, postpaid.

### PURPLE CAP BROCCOLI

Resembles in growth the Algiers Cauliflower, the heads are large and solid, of a brownish purple color. Pkt., 5c; ½ oz., 35c; 1 oz., 60c, postpaid.

## Kale or Borekale

### EXCELSIOR MOSS CURLED KATE

The best Kale in existence. Of medium height with very long, very curly green leaves of unsurpassed flavor. A single plant produces as many as fifty usable leaves. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.

### EXCELSIOR MOSS CURLED KALE

Very hardy with bright green curly leaves; extensively grown in the South and shipped to Northern markets. Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.

### TALL GREEN CURLED SCOTCH KALE

Most hardy. Withstands winter even in the Middle States without protection. Has an abundance of dark green, curly and wrinkled leaves. Grows about two and a half feet high. Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.



BRUSSELS SPROUTS.



# Copenhagen Market Cabbage

## EXTRA EARLY, HEAVY CROPPER, FINE ROUND, HARD HEADS

This is a new variety of cabbage rapidly coming to the front. From all parts of the country reports come from market gardeners in which this cabbage is praised in the most flattering terms. The facts are as follows: Copenhagen Market is as early as the Jersey Wakefield, matures very evenly, the crop can be harvested in two cuttings, has very solid and hard heads, and is heavier and better in quality than any of the oblong headed cabbages. The heads are ball shaped, average about eight pounds each in weight, have a small core, and are produced on quite short stalks, almost on the ground level. The leaves are small, light green, always tightly folded, and therefore can be set closer than is usual with varieties of similar type. We have many letters from progressive market gardeners from all parts of the country in which they say that from now on they will grow Copenhagen Market for first early to the exclusion of all other extra early sorts. The only trouble is the high price of the seed. There is a very big demand for this seed. Unfortunately the crop for the last two years was far from abundant. We offer the best seed grown in Denmark by the originator of this variety. Pkt., 15c; ½ oz., 75c; 1 oz., \$1.50; ¼ lb., \$6.00; 1 lb., \$22.00, postpaid.



COPENHAGEN MARKET.

## EARLY SPRING CABBAGE

Early Spring is fully as early ripening as the famous Jersey Wakefield. The heads are round, slightly flattened, attaining a weight of about 6 pounds each. The plant is of uniform dwarf growth, has but few outside leaves, and can be planted as closely as 20 inches apart. A great feature about this cabbage is that its heads firmly at an early stage of its growth so that fine hard heads, although small, can be obtained long before it is fully matured. A grand extra early round headed cabbage, fine for family garden or market. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## ALL SEASONS OR WANDERGAW

The heads are large, round and very compact, about ten days later than Early Jersey Wakefield, but fully twice as heavy. If planted late makes a first class fall and winter cabbage. Always sure to head. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00 postpaid.

## EARLY FLAT DUTCH CABBAGE

Second early variety, reliable in every way. Produces large solid heads weighing from 10 to 15 lbs. each, of finest quality. It has strong heat resisting qualities, and is therefore widely popular all over the South. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## EARLY JERSEY WAKEFIELD CABBAGE

Finest Long Island grown seed. The best extra early oblong headed cabbage. The heads are quite large, very hard and conical shaped. The most popular of all oblong headed cabbage. Our strain of this cabbage represents the highest grade of excellence. It is the result of the most careful and painstaking selection from early maturing heads of perfect shape. Its small but thick and heavy outside leaves permit close planting, and enable it to stand more cold weather without injury when carried through the winter, either in the open ground in the South or in cold frames in the North. Every market gardener knows what Jersey Wakefield is, and we know that our strain cannot be beaten in earliness, hard heading qualities or uniform growth. Pkt., 15c; ½ oz., 50c; 1 oz., 95c; ¼ lb., \$3.25; 1 lb., \$12.00, postpaid.

## GLORY OF ENKHOUSEN CABBAGE

Although a comparatively new variety of cabbage, it has rapidly gained popularity in all cabbage growing centers, as well as with private gardeners. It is a sort of Danish Cabbage introduced in this country from Holland. Early as Succession, heads medium sized, just right for market, perfectly globe shaped, of fine dark green color. It has only a few outer leaves, permitting close planting. Good keeper and shipper, and may be pronounced a very desirable early sort. Pkt., 15c; 1 oz., 95c; ¼ lb., \$2.90; 1 lb., \$11.00, postpaid.

## WINTER CABBAGE, EAST PRAIRIE

This new variety of cabbage could also be called Perfected Dutch Winter or Hollander Cabbage. It is a cross of the best strain of Holland Cabbage and Danish Ball Head, and combines the good points of both these splendid varieties. It has a shorter stem, more lasting color and heads always perfectly round. It originated in that part of the Niles Center trucking region known as East Prairie, near Chicago, which is one of the best cabbage growing sections of Illinois. It is a variety that will please the most exacting market gardener. Pkt., 15c; oz., 75c; ¼ lb., \$2.75, postpaid.

## SUCCESSION CABBAGE

Succession is of excellent quality, the heads are large and solid and always sure to head, about 10 days earlier than Early Summer. Finest American grown seed. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## EARLY SUMMER CABBAGE

Well known and popular cabbage with market gardeners. Matures about two weeks later than Jersey Wakefield, but has much harder and longer heads. The few outer leaves have a peculiar bluish tinge. Pkt., 10c; 1 oz. 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.



EARLY JERSEY WAKEFIELD.





## Surehead Cabbage

This famous Cabbage produces round flattened heads, and in sure heading qualities it has no equal. It will head in the most unfavorable weather. The heads are of uniform size, extremely hard, fine in texture, and weigh from 12 to 20 pounds. Very hardy. Splendid shipper. Popular all over the country with large or small growers. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

### PRIZE DRUMHEAD

Very large, flat headed variety, and popular with many gardeners. Short stemmed, compact grower, very solid, uniform in growth, shape and color. It is a standard sort for winter keeping and sells readily in the market. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

### DANISH BALL HEAD CABBAGE

Grows good size, has very hard heads, and is a most excellent keeper. It resembles the Dutch Winter, or Hollander; has all its good qualities, but differs from it in maturing two weeks later, and has taller, stems. The heads are more ball shaped than those of the Dutch Winter. The average weight of heads is 8 lbs. True Amager Island Danish grown seed. Pkt., 15c; 1 oz., 80c; ¼ lb., \$2.25; 1 lb., \$10.00, postpaid.

### DANISH BALL HEAD, SHORT STEM

Resembles the Dutch Winter variety quite closely, excepting that it is slightly flat on top. Popular because of its great solidity of head, and its unequaled keeping and shipping qualities. The heads are very hard, fine grained, and will weigh one-fourth more than other varieties of equal size. Our seed is very high bred and cannot be excelled in quality. Genuine Amager Island grown. Pkt., 15c; oz., 80c; ¼ lb., \$2.75; ½ lb., \$5.25; 1 lb., \$10.00, postpaid.



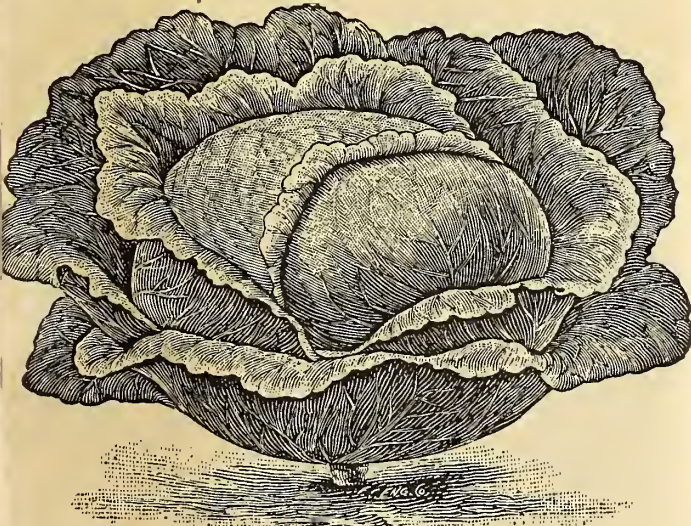
## Johnson's Drumhead Cabbage

One of the finest main crop sorts for market gardeners. The plant is of extra strong growth, the heads very large, round, slightly flattened at the top, remarkably uniform, extra hard, firm, and fine in texture. The average weight of heads is from 12 to 16 lbs. per head. The seed was grown for us by one of the most critical European growers, and no pains in selection of heads or cultivation and harvesting of the stock was spared to have it the best possible quality. The hard heads grow so free from spreading leaves, that fully one thousand more heads than usual with large cabbage can be obtained to the acre. Pkt., 15c; oz., 60c; ¼ lb., \$2.00; ½ lb., \$3.90; 1 lb., \$7.50, postpaid.

## Dutch Winter or Hollander Cabbage

### AS HARD AS STONE—KEEPS TILL SPRING

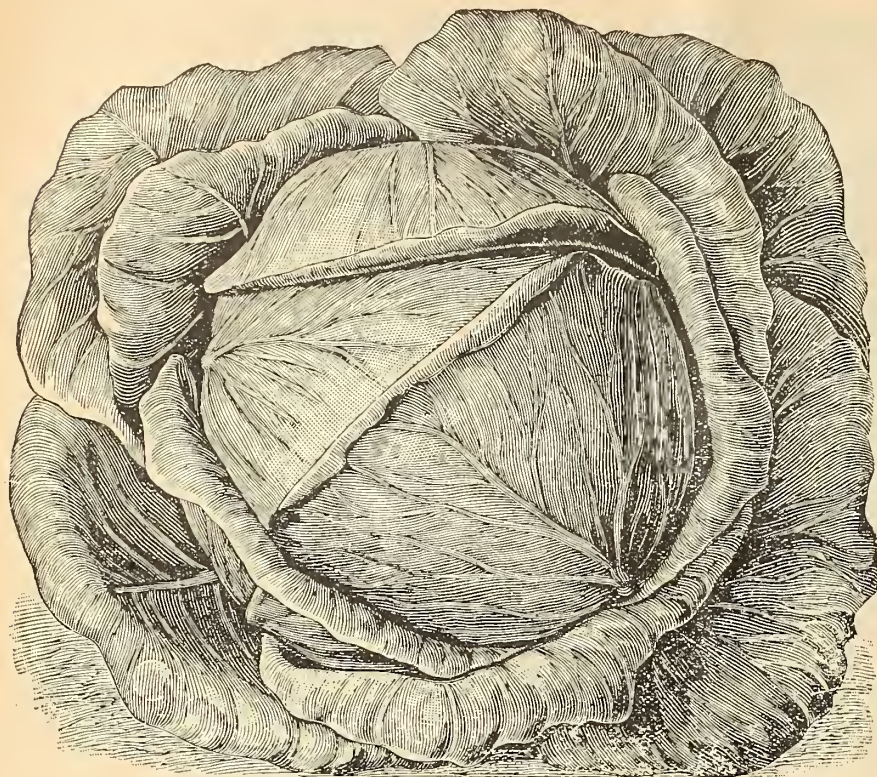
We believe that this variety is the most planted cabbage in all parts of the country. We sell great quantities of this seed and can say with confidence that we have the finest seed of Hollander Cabbage that skill and scientific knowledge of seed growing can produce. To the production of seed of this variety special attention is paid. The heads are not only selected for their fine form, but also for the weight, texture and contents of dry matter; also for long keeping qualities. Every point that makes cabbage better is considered before a head is selected and stored away for the production of seed. This type of cabbage is widely known, and hardly needs description. Suffice to say that it is a late sort, with heads as hard as stone and of unequaled keeping qualities. A friend of ours, a market gardener, says that this cabbage is as hard as a cannon ball, and that it beats all other late cabbages 1,000 to 1. This cabbage when stored over winter is in prime condition the next spring, and when the outer leaves are removed it looks just like new cabbage, and always sells at top prices. Pkt., 15c; ½ oz., 45c; 1 oz., 80c; ¼ lb., \$2.75; ½ lb., \$5.25; 1 lb., \$10.00.



### PREMIUM FLAT DUTCH CABBAGE

An old standby. Sure heading and reliable in every way. Heads very large, heavy, solid, flat and of a bluish color. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.





CABBAGE FAULTLESS.

## Faultless Cabbage

### A Genuine All-the-Year-Round Cabbage

This is the best cabbage to grow, either for the amateur or for the market gardener. It is quite early, coming in about two weeks after Early Jersey Wakefield, but its heads are fully as large as those of Premium Late Flat Dutch. It is of fine pale green color on the outside, white as snow inside, hard as a rock, and of finest quality and flavor. The heads grow so free from spreading leaves that fully one thousand more heads than usual with large cabbage can be obtained from each acre. This cabbage has been a leader with us since 1905. We have thousands of unsolicited testimonials pronouncing this cabbage the largest, most handsome, and the finest in existence, either for medium early, main crop, or late use. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

### ALL HEAD EARLY

Best sort for those who plant but one variety of cabbage. It is the earliest of all large cabbage, sure to head, and uniform in shape, size, and color, and of high quality. Very popular with market gardeners, amateurs, and also for kraut growers as the largest tonnage possible may be raised to the acre when this variety is planted. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## St. Louis Market Cabbage

### THE POPULAR LATE VARIETY

This is one of the very best of late flat cabbages. Under ordinary conditions it will produce nearly double the crop of the average flat headed varieties. It forms very large, hard, thick, solid, flattened heads, uniform in shape and color and of a handsome appearance. The color of this cabbage is nearly white; for this reason and for the fact that it forms heads weighing as much as 30 lbs. or over it is a favorite variety with market gardeners all over the South as well as in the Middle West. Although our seed of this cabbage has been selected with the greatest care and is as true to type as scientific knowledge of seed raising can make it, we do not hesitate to say that if the season is unfavorable and dry St. Louis Market Cabbage is apt to form a small percentage of somewhat soft heads. Pkt., 15c; oz., 60c; ¼ lb., \$2.00; ½ lb., \$3.90; 1 lb., \$7.50, postpaid.

## Chinese Pe Tsai or Celery Cabbage

This is not a new vegetable. It has been offered by American seedsmen for years, but did not attract any attention until recently. It is a variety of cabbage, but differs markedly from the common form of cabbage. The plant when fully matured measures about 15 inches high and 3 or 4 inches in diameter. The leaf stems are white, as if they had been blanched, and from 1½ to 2 inches broad. The leaf when expanded is about 10 inches across, of a light green color, heavily veined and crinkled, like Savoy Cabbage. The leaf looks to a certain extent like a giant leaf of Grand Rapids Lettuce. A single head of this cabbage sells at retail as high as 40 cents. The culture is easy, but it must be grown in the cool season, as it runs quickly to seed in hot and dry weather. It should be treated the same as Head Lettuce. Pe Tsai is good to serve as salad or as greens or as ordinary cabbage. It does not have the strong and offensive smell of the common cabbage, and it is therefore called sometimes odorless cabbage. As everything that is new brings good prices it should be tried by market gardeners. At first it will be necessary to push this new vegetable, but once the good qualities of Celery Cabbage becomes known to the public the sales will be steady and, we believe, remunerative as well. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$5.50, postpaid.

### SURE CROP

One of the earliest cabbages for its size. A sure header even under the most adverse conditions, in fact one may say, that this is the surest header of all cabbages. Heads are solid, flat, of very attractive appearance, weighing from 10 to 14 lbs. each. It heads practically all at one time. This variety is quite popular with Southern planters, some of the largest cabbage growers plant this variety exclusively. Finest American grown seed. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

Your seeds are always very good, especially your Faultless cabbage.  
F. RAINDEL,  
Shiner, Texas.



ST. LOUIS MARKET CABBAGE.



# Charleston Wakefield Cabbage

An improved and larger form of Early Jersey Wakefield, about a week later in maturing, but yielding fully twice the crop of the original Jersey Wakefield Cabbage. It has a less pointed head than its ancestor, is a first rate shipper and well liked by all who are acquainted with this variety. Planted exclusively in some parts of the South. Pkt., 15c; 1 oz., 90c; ¼ lb., \$3.00; 1 lb., \$11.00, postpaid.

## EARLY WINNINGSTADT

Very hardy and sure to head. Resembles the Jersey Wakefield in shape and size of heads. It will stand more unfavorable weather, and is less liable to the attacks of the cabbage worm than any other cabbage of its form. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## EXTRA EARLY EXPRESS

The earliest cabbage in cultivation. About ten days earlier than the Early Jersey Wakefield, heads of good size, heart shaped, and very solid having but few outer leaves, can be set quite close. This variety is also sold under the name of "Lightning." Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## EARLY YORK

Early York is not quite as early as Extra Early Express, but forms larger and less pointed heads. Can be planted 15 to 18 inches apart. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

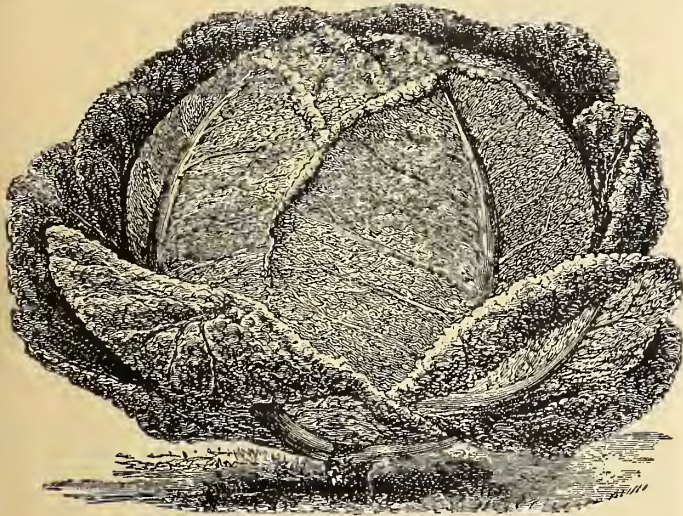
## RED CABBAGE—BLACK DIAMOND

A new second early Red Cabbage from Holland. Is meeting with great popularity with all lovers of Red Cabbage on account of the fine appearance and deep red, almost black color. Heads medium sized, very hard and heavy, leaf rib thin and small. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## MAMMOTH ROCK RED CABBAGE

Produces large solid heads, often weighing 12 pounds each. The best large Red Cabbage, always sure to head and of good red color to the center. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

We can also supply the following varieties of Red Cabbage: Holland Export, Red Erfurt, Dark Red Dutch and Red Drumhead. Pkt., 10c; 1 oz., 60c, postpaid.



## MARVIN'S SAVOY CABBAGE

Most popular and best of all Savoy. Heads large, solid, very curly, having only a moderate amount of outside foliage, growing closely about the head. Of excellent quality and flavor. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## IMPROVED AMERICAN SAVOY

Has the largest head of all Savoy. The heads are rather loose, but being rather tender and of pleasant flavor, the whole head can be used for cooking. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.

## IRON HEAD SAVOY

Small, round, deep green heads. Of very high quality; in fact, the best of the early sorts. Pkt., 10c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00, postpaid.



CHARLESTON WAKEFIELD CABBAGE.

## STEIN'S EARLY FLAT DUTCH

An improved strain of the well known Early Flat Dutch. Extra selected American grown seed. Pkt., 10c; 1 oz., 60c; ½ lb., \$2.00; 1 lb., \$6.00, postpaid.

## CARDOON

The blanched stalks of the inner leaves are used as a winter vegetable for salads and in soups. The main root is the finest part of this vegetable and is very vigorous and should be planted at least a yard apart in both directions. Lettuce or radishes may be planted between the rows. A favorite vegetable in Southern Europe. Pkt., 10c; oz., 20c.

## CHERVIL

(Koerbel-Cerfeuil). A vegetable similar to parsley, but handsomer. Used for flavoring soups and salads, also for garnishing. Has a strong flavor and perfume. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25, postpaid.

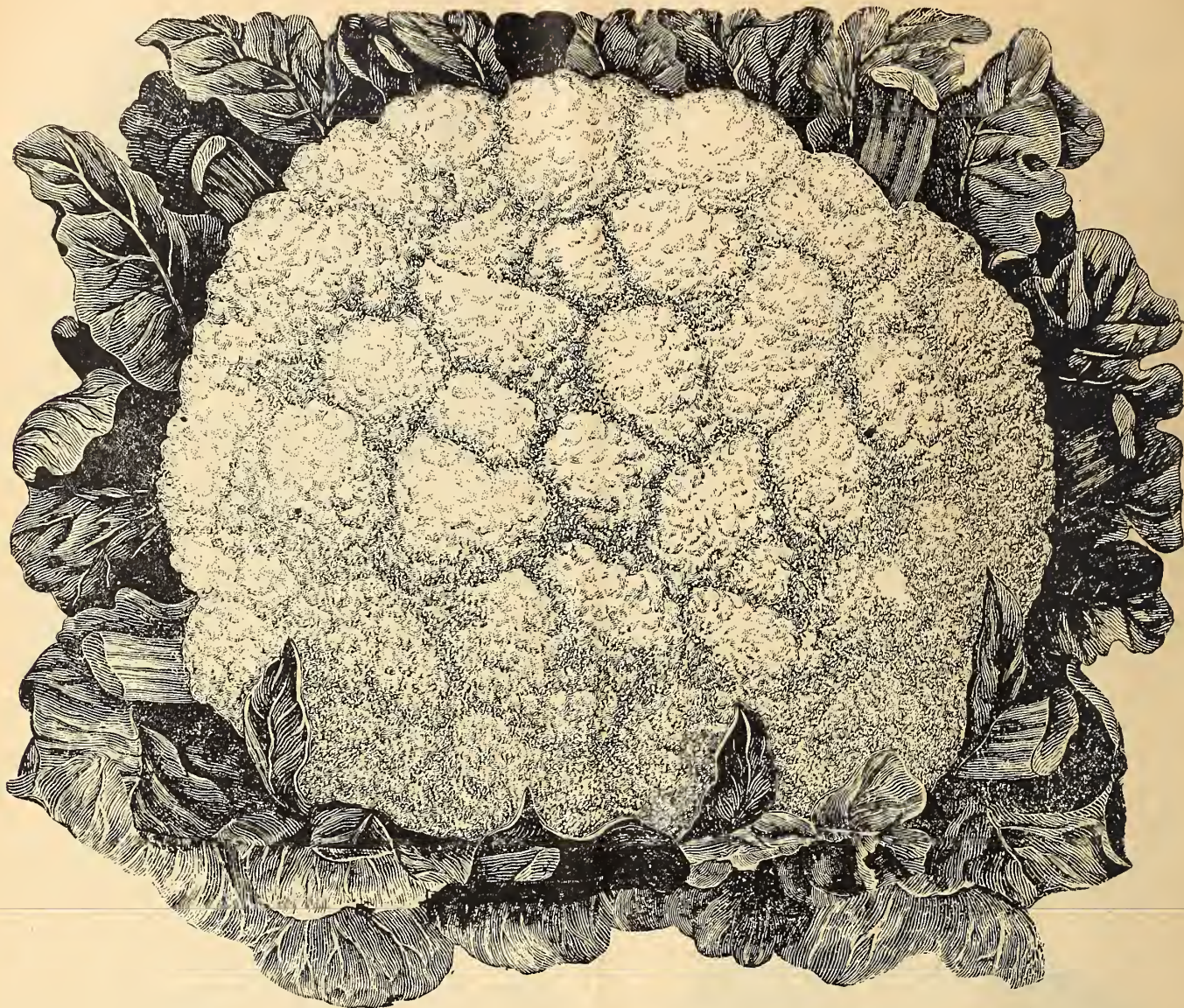
## CORN SALAD

The whole plant makes an excellent and distinct salad. The seed is sown at the end of summer or autumn, in any kind of soil and the plant produces leaves from October to spring, without requiring any attention or protection. Pkt., 5c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.

## About the Quality of Our Seeds

Seeds play an important part in life, therefore we always felt it our duty to supply those that honor us with their confidence with seeds of supreme quality. Some varieties of seeds we grow ourselves, others are grown for us by expert specialists in different parts of United States and in foreign lands. Thus many varieties of cabbage, carrots, beets, mangel, turnips, rutabaga, cauliflower and radishes are grown for us in Denmark and France. Celery and some varieties of turnips and beets are grown for us in Germany and France. Other seeds are grown for us in Spain, Holland, Belgium and England. Our Bermuda onion seed is all grown on Canary Islands. You may pay higher prices for seeds elsewhere, but you will not get better seeds than you will get from us.





## Danish Perfection Cauliflower

### EARLIEST OF ALL CAULIFLOWER

We can confidently say that Danish Perfection is the highest attainment in the development of the cauliflower. The seed was grown for us by an expert specialist in Denmark, and no pains in selection of heads and harvesting of the stock was spared to have it the best possible quality.

This new variety is the result of many years of efforts to breed a very early Cauliflower of the Dwarf Snowball type. Danish Perfection ripens fully 10 days ahead of Snowball. The plants are quite dwarf with small leaves and large heads, but not as large as the Snowball. The heads are pure-white, stone-hard and of the finest quality. It is perfectly true to type and its evenness in maturing will be welcomed by market gardeners, as it will enable them to clear off the ground at one cutting. Originator's seed. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.40;  $\frac{1}{2}$  oz., \$2.50; 1 oz., \$4.50.

### DRY WEATHER OR DANISH GIANT

Reaches perfection where other sorts fail. Especially valuable in dry seasons and also in the South. It produces very large perfectly formed white solid heads, maturing about a week later than Snowball. This Cauliflower will head when most other sorts would be a failure. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.50;  $\frac{1}{2}$  oz., \$2.50; 1 oz., \$4.50;  $\frac{1}{4}$  lb., \$16.00;  $\frac{1}{2}$  lb., \$31.00; 1 lb., \$60.00, postpaid.

### EARLIEST DWARF ERFURT

Popular with many gardeners. Quite similar to Snowball, except that it is a trifle earlier. Under good treatment every plant produces a fine large snow white head. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.50;  $\frac{1}{2}$  oz., \$2.50; 1 oz., \$4.50;  $\frac{1}{4}$  lb., \$16.00; 1 lb., \$60.00, postpaid.

### HAAGE'S EARLIEST DWARF

This is a perfect Cauliflower of German origin. Most desirable for forcing, but just as reliable when planted in the open ground. Heads are very solid, snow white, large and proportionately deep. A few days earlier than Snowball. Will satisfy even the most critical. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.50;  $\frac{1}{2}$  oz., \$2.50; 1 oz., \$4.50;  $\frac{1}{4}$  lb., \$16.00; 1 lb., \$60.00, postpaid.

### AUTUMN GIANT

Reliable late sort with very large fine heads; popular in the South for a late fall variety. Pkt., 15c;  $\frac{1}{2}$  oz., \$1.50; 1 oz., \$2.75; 1 lb., \$35.00, postpaid.

### LATE ITALIAN GIANT

This is the largest of all Cauliflowers. It produces fine compact well proportioned heads. It is quite a late variety, and it takes 7 to 8 months before it heads, but then it surely does head. Grown to considerable extent in the South. Pkt., 15c;  $\frac{1}{2}$  oz., \$1.35; 1 oz., \$2.50;  $\frac{1}{4}$  lb., \$9.00; 1 lb., \$35.00.

### LENORMAND'S SHORT STEM

Bears large white head, on short stems. Pkt., 15c;  $\frac{1}{2}$  oz., \$1.50; oz., \$2.75;  $\frac{1}{4}$  lb., \$10.00.

### LARGE LATE ALGIERS

A vigorous late maturing variety for late fall use. Large heads. Pkt., 15c;  $\frac{1}{4}$  oz., 80c;  $\frac{1}{2}$  oz., \$1.50; 1 oz., \$2.75;  $\frac{1}{4}$  lb., \$10.00.





### SNOWBALL CAULIFLOWER

A very early variety that will produce perfectly well grown white, solid heads, 9 to 14 inches across, and deep in proportion. That is our strain of Snowball. Cauliflower is a vegetable that has to be grown with certain care. It must be sown and transplanted at the right time, and planted in well-prepared rich soil. When this is done our seed will be found superior to any strain of Snowball. Pkt., 25c; ¼ oz., \$1.50; ½ oz., \$2.40; 1 oz., \$4.50; ¼ lb., \$16.00; ½ lb., \$31.00; 1 lb., \$60.00, postpaid.

### CORELESS CARROT

This variety combines all the good qualities a carrot should have. The roots are of good size, about 7 inches long, almost perfectly cylindrical, smooth, of rich scarlet color, flesh entirely red and extra sweet, and almost entirely without a core. Very early. Excellent cropper. The most tender, juicy and delicately flavored of all heavy cropping carrots. Unsurpassed for the home garden. Pkt., 5c; 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.75, postpaid.

### GUERANDE OR OXHEART CARROT

Roots short and very thick, only about 6 inches long and fully 4 to 6 inches in diameter. Grows very rapidly, and the roots attain a weight of more than a pound each. Excellent in quality. Will prove satisfactory for home use and quite profitable for the market gardener. Pkt., 5c; 1 oz., 20c; ¼ lb., 65c; 1 lb., \$2.50.

### VERY EARLIEST SCARLET FORCING CARROT

Also called French Horn. The best variety for forcing. Roots round, about 2 inches in diameter, leaves short and erect, and while small are quite sufficient for early bunching. Tender and delicious. Pkt., 5c; 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.75.

### EARLY SCARLET HORN CARROT

Also called Early Short Scarlet, Dutch Horn or Duwicker. A very early forcing variety; larger than French Horn, roots being about 1½ inches thick and 3 inches long. Color deep orange; quality excellent. A favorite early sort with many gardeners. Pkt., 5c; 1 oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.

### NANTES CARROT

Tops of medium size, roots cylindrical, smooth, bright orange, flesh orange, becoming yellow in center, but with no distinct core. Of the finest quality and one of the most symmetrical and handsome of the medium sized sorts. Excellent for the market or home garden. Pkt., 5c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

### ST. VALERY

Roots intermediate. This is a shape between Danvers and Long orange, and is large and handsome. Color rich deep orange. Heavy yielder. Pkt., 5c; 1 oz., 20c; ¼ lb., 65c; 1 lb., \$2.50, postpaid.

### IMPROVED LONG ORANGE

A well known and popular sort. Roots long, thickest near the crown, tapering regularly to a point. Smooth and of fine deep orange color, of high quality and very heavy yielder. Good for table use as well as for stock feeding. Pkt., 5c; 1 oz., 15c; ¼ lb., 45c; 1 lb., \$1.75, postpaid.

### LONG RED ALTHRINGHAM

Roots of large size, smooth, fine grained, and of deep orange color. In Europe this sort is one of the most popular for both garden and field culture, on account of its heavy cropping qualities. Pkt., 5c; 1 oz., 15c; ¼ lb., 45c; 1 lb., \$1.75, postpaid.

## Egg Plant

### IMPROVED NEW YORK SPINELESS

The best variety in cultivation. It is very early and produces large, handsome satiny smooth fruits of deep purple color. The plants are of low, stocky branching habit and quite productive, a single plant bearing usually from 8 to 10 large and perfectly shaped fruits. Finest Northern grown seed. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.50, postpaid.



EGG PLANT.  
IMP. N. Y. SPINELESS.

### BLACK BEAUTY EGG PLANT

Two weeks earlier than New York Spineless, with broad and thick fruit of lustrous purplish black color. Coming two weeks earlier, they readily bring double prices. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.50, postpaid.

### STOCK FEEDING CARROTS

Carrots make a healthy and desirable food for horses, and every horse owner should plant them liberally, so as to give his horse an occasional feed of carrots through the winter. They are also very desirable for feeding to hogs and cattle and make a tonic and alternative food which is of decided benefit. Plant in March, April or May—the earlier the better—in rows 2½ to 3 feet apart, at the rate of 3 to 4 lbs. per acre.

### LARGE WHITE BELGIAN CARROT

This Carrot grows a third or more of its length above the surface. Roots will average 2 inches in diameter at the shoulder and a foot or more in length. The diameter is even throughout the entire length, the roots tapering gradually at the base. They are easily pulled in harvesting, and do not have to be dug out, like most long-rooted sorts. Flesh and skin pure white, though the latter is occasionally tinged with green in upper portion growing above the soil. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.40, postpaid.

### LARGE YELLOW BELGIAN CARROT

This is similar in growth and form to the preceding, but flesh and skin of the portion growing below the soil are of a pale orange coloring. These two varieties have probably been grown more extensively than any others for stock feeding in the past, but are destined to be superseded to a great extent by the large, thick roots of the improved white variety offered above, and the thick, stump-rooted table sorts. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.40, postpaid.

### WHAT A POUND OF CARROT SEED WILL DO

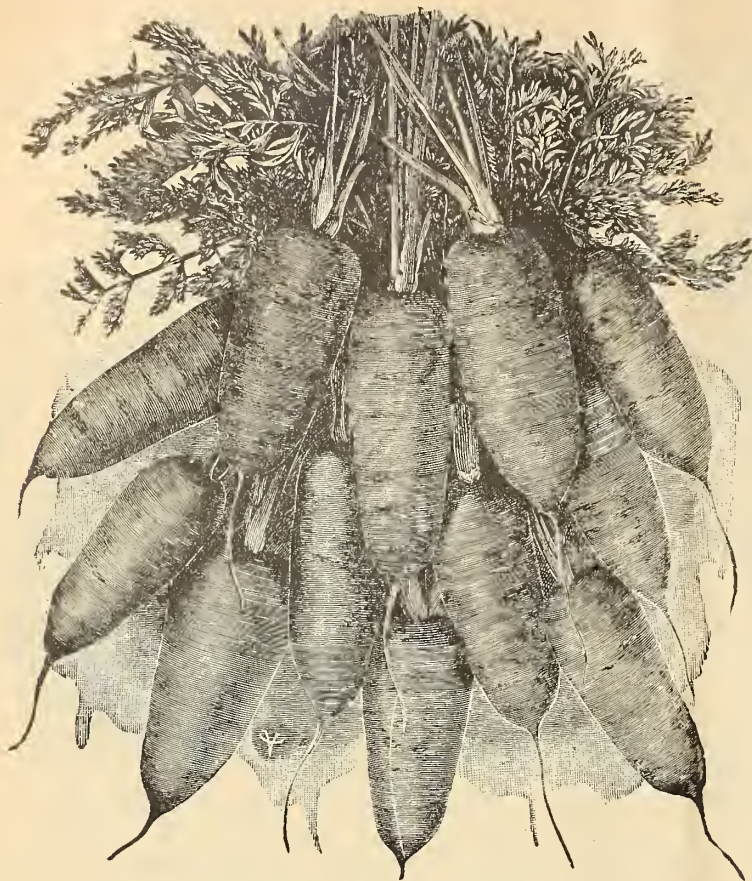
A pound of White Belgian Carrot Seed will sow one-half acre, sufficient to produce on good soil twelve tons of succulent carrots, equal in feeding value for all kinds of stock to 150 bushels of oats.

Would it not be worth your while?

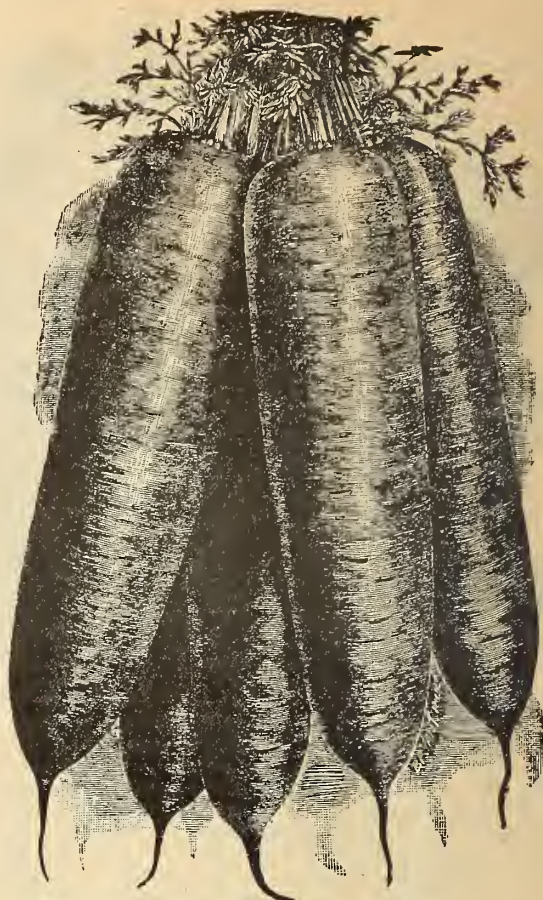
### WE ARE NOT "INDEPENDENT"

Some dealers, in this case dealers in seeds, treat their customers with indifference, bordering on arrogance. They act as if they were under the impression that users of seeds HAVE to patronize them. We are not that way. Not only will you get your money's worth in seeds from us, but you will be treated in a most cordial manner. We always have the fact in mind that a seed house is here to please and be helpful to their patrons.



**EARLY CHANTENAY CARROT**

Earlier than the Danvers Half-Long, and will average some 30 to 40 tons to the acre. The root is somewhat stump-rooted. Its average length will be between 5½ and 6 inches, tapering slightly from well-set shoulders. The surface is smooth and a deep orange in color, and the flesh is very crisp and tender, probably the best quality of Carrot which we offer. One of its best features is the fact that it is ready for table use at almost every stage during its growth. This is not only of convenience to the home gardener, but is valuable to the market-gardener who can thus take advantage of a higher market. The great productiveness and the ease with which it can be harvested have made it a desirable stock-feeding sort which, regardless of the slightly higher price in seed over the cheaper varieties, is very often used for this purpose. Pkt., 5c; oz., 20c; ¼ lb., 65c; 1 lb., \$2.50.

**SELECTED DANVERS CARROT**

The most popular of all table carrots. The roots are almost cylindrical, stump rooted, of fine, rich orange red color. Flesh fine grained, crisp, tender, with a very little core. There is more seed sown of this variety than any other three table varieties combined. Why is this? Because there is no carrot grown that combines so many desirable qualities as this sort. Namely, it is of fine quality and fine shape, size just right, and is very easily harvested. Above all, it is a very heavy cropper, 30 tons of roots per acre being no exceptional crop. It is a very important variety with market gardeners. Realizing this, we are constantly improving our strain of this carrot, and can confidently pronounce it the finest in cultivation. Pkt., 5c; 1 oz., 20c; ¼ lb., 65c; 1 lb., \$2.50, postpaid.

## Celeriac or Turnip Rooted Celery

The turnip rooted celery is an excellent vegetable, but as its introduction into cultivation is of comparatively recent date, it is not as yet very commonly grown. This form of celery is grown exclusively for its roots which easily attain the size of the fist and often even double that size. The roots are boiled, sliced, and used in salads. Two-thirds of boiled and sliced potatoes, and one-third of boiled and sliced celeriac together with French dressing makes a grand salad.

### CELERIAC GIANT PRAGUE

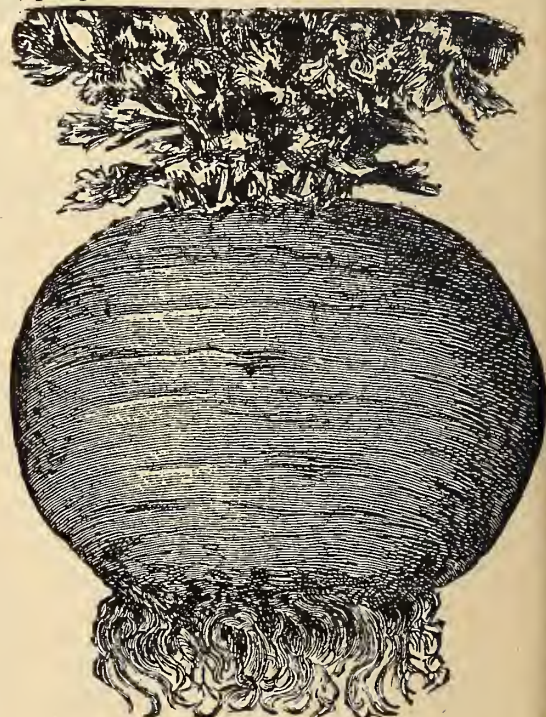
An improved form of Turnip Rooted Celery, round, smooth roots with very few side roots. The most popular of all Celeriacs. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.

### PRAGUE MODEL CELERIAC

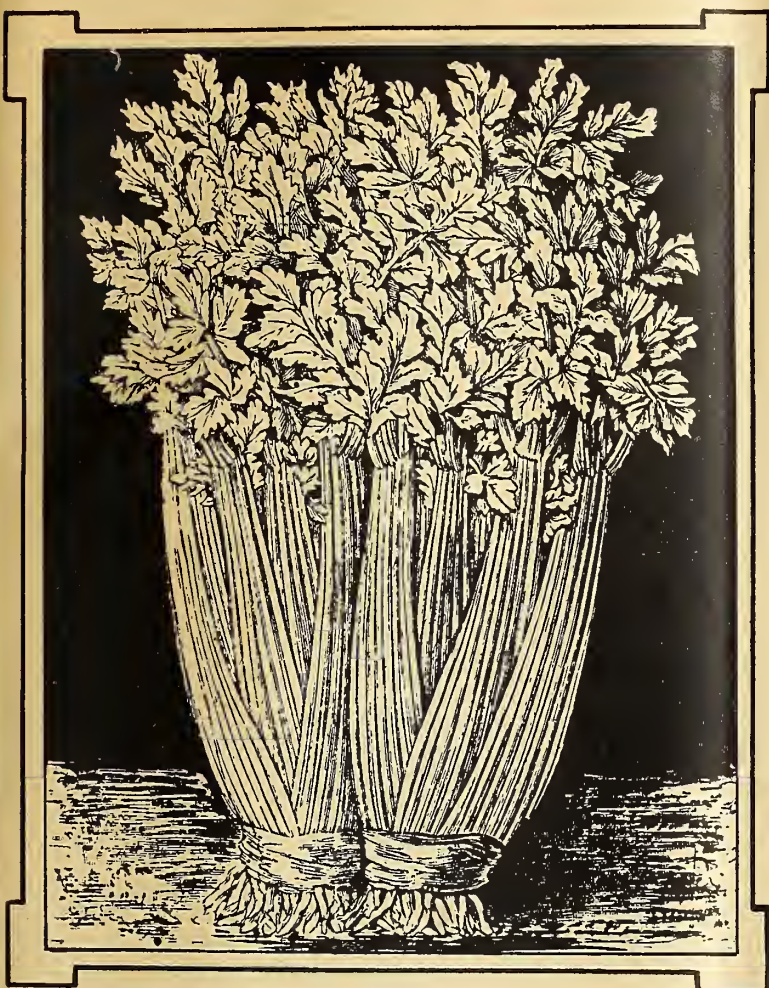
A new Celeriac from Bohemia. It grows to a larger size than the old Giant Prague, has small rootlets, and few in number, and is of fine flavor with flesh nearly snow white. Pkt., 10c.

### NEW CELERIAC DELICATESS

Of somewhat smaller size than the Giant Prague, very early, perfectly smooth, exceedingly tender, and of a very high quality. Pkt., 5c; 1 oz., 25c, postpaid.

**CELERIAC GIANT PRAGUE.**





GOLDEN SELF-BLANCHING.

## Chicago Giant Self-Blanching Celery

### THE WHITEST OF ALL CELERIES

This new Celery comes from a grower with whom we are personally acquainted and whom we know to be absolutely reliable, and this is what he says about the new Celery: "A boon to market gardeners, a delight to celery eaters; its superior qualities have made it famous; the demand for it makes it profitable for growers. It is extra early white; can be sown in February and marketed July 1st, a time of the year when fine celery is a table luxury. It is the whitest early celery; it is very sweet, crisp, tender, brittle, with a delicious flavor, giving zest to every bite. It is extremely vigorous in growth, to the extent that its tendency is to throw out a small percentage of off plants. Pkt., 10c; ½ oz., 20c.

## New Celery French's Success

### THE MOST PROFITABLE LONG-KEEPING VARIETY

A late maturing variety which keeps the best of any celery yet introduced. The growth is compact and short in stem so that the plants may be well earthed up for blanching while growing close together. The foliage is dark green. The heart is large, solid and is formed early. The stalks become when blanched almost white or very light creamy yellow, thick, yet brittle, without stringiness and of good quality. It requires more time to mature than some sorts but remains firm, solid and in fine condition until late in the spring. Pkt., 5c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00; 1 lb., \$3.50.

## Celery

### GOLDEN SELF-BLANCHING

The most popular and profitable Celery in cultivation. In nearly all markets it is the leading variety. Equally in favor with the amateur and market gardeners. Decidedly better in quality than the White Plume. Ready for early use, nearly as early as any other sort, and produces broad and heavy bunches about 18 to 20 inches in height, with broad, heavy stalks, which blanch into somewhat deeper, yellow color than the other varieties. Exceptionally stocky, of very handsome color. Stalks are crisp and free from stringiness, perfectly solid, of delicate flavor, and practically self-blanching. As the American grown seed of this variety is nearly worthless we do not carry same. What we offer is the best French grown seed from the introducers in Paris. Or, in other words, the seed we offer is the best that science, skill and favorable climatic conditions can produce. Pkt., 10c; ½ oz., 75c; 1 oz., \$1.40; ¼ lb., \$5.00; 1 lb., \$17.50, postpaid.

### WHITE PLUME CELERY

The earliest and best quick-growing celery. Grows to a large size, is more compact than the Golden Self Blanching, is most easily blanched, but does not keep well when taken from the trenches. Of all white varieties of celery White Plume is the most popular because of its fine flavor, crispness and tenderness. We offer only the best extra selected French grown seed, and can assure anybody that our seed cannot be excelled in quality by any other strain on the market. Pkt., 10c; ½ oz., 25c; 1 oz., 45c; ¼ lb., \$1.25; 1 lb., \$4.25, postpaid.

### WINTER QUEEN CELERY

Vigorous, white, long-keeping variety of medium height, just right for bunching, beautiful in appearance and compact grower. Each plant makes a large number of fine stalks with fully double the amount of heart of any known Celery, and it blanches to a beautiful cream white. When stored for winter it is an excellent keeper, surpassing any other variety in long-keeping qualities. Stalks are broad, thick, heavily ribbed, crisp and of delicious nutty flavor. Decidedly the best and most valuable variety of Celery for winter and spring use. Pkt., 5c; ½ oz., 20c; ¼ lb., 65c; 1 lb., \$2.25, postpaid.

### GIANT PASCAL OR WINTER KING CELERY

Large, solid, crisp and of sweet nutty flavor. Color ivory white, long, thick and stringless, while the heart is golden yellow and very attractive. One of the best for fall and winter use. Pkt., 5c; 1 oz., 20c; ¼ lb., 60c; 1 lb., \$2.25, postpaid.

### SOUP CELERY

The strongest flavored of all Celeries. It is hardy and produces an abundance of erect-growing leaves. After being cut it produces new leaves which are used like parsley in soups and for seasoning. Pkt., 5c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.50, postpaid.

## Mayer's Japanese Pop Corn

A dwarf growing Pop Corn. The stalks are only about 2½ feet tall, each stalk averages four ears, and the corn can be popped the day it is husked. It pops without a hard kernel, and is the tenderest Pop Corn known. The introducer says that this Pop Corn is used in China and Japan in place of breakfast cereals. The ears are small, so are the kernels, but on account of the excellent quality of the popped corn, it is selling readily in the stores and at astonishing prices. Pkt., 10c, postpaid.

### MAPLEDALE PROLIFIC

A very early and productive variety with ears 8 to 10 inches long, well filled with handsome white smooth grains. Grows about 6 feet high and for popping is unsurpassed. Pkt., 10c; pt., 35c; qt., 65c, postpaid. Qt., 50c; ½ pk., \$1.75; pk., \$3.00, not prepaid.

### QUEEN'S GOLDEN

In general usefulness same as Mapledale Prolific, but the kernels are of a deep yellow color. It pops perfectly white, has very large ears and a single kernel will expand nearly one inch. Pkt., 10c; pt., 35c; qt., 65c, postpaid. ½ pk., \$1.75; pk., \$3.00, not prepaid.

### WHITE RICE

The grains are sharply pointed. The most popular variety. Pkt., 10c; pt., 35c; qt., 65c, postpaid. Qt., 50c; ½ pk., \$1.75; pk., \$3.00, not prepaid.



# Reid's Yellow Dent Corn

We offer the Iowa type of Reid's Dent. Description: The ears are of rich golden color, from nine to thirteen inches long, 18 to 24 rows of kernels on an ear, small cob and shank, grains close together, butts and tips well covered, stalk heavy below the ear and not easily blown down, quite an item in a country swept by strong winds. Our strains of Reid's Dent is bred for protein, high content of oil, and, above all, for big, heavy ears. It cannot be excelled in solidity and uniformity of development of butts and tips, percentage of shelled corn and vigor of growth.

PRICE: Shelled, pkg., 10c; 1 lb., 30c, postpaid. Not postpaid:  $\frac{1}{4}$  bu., \$1.00;  $\frac{1}{2}$  bu., \$1.90; 1 bu., \$3.50; 2 bu. or more \$3.30 per bu. Bags free.

## IOWA GOLD MINE CORN

This variety is regarded by many as the best early corn in the world. It is early, ripening in about 100 days; ears of large size, color a bright golden yellow, grain is very deep, cob small, therefore dries out very quickly as soon as ripe. One of the most productive varieties. Our Golden Mine is a strain greatly improved in size, quality and yield, and we know that our strain is superior to any other on the market.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not postpaid: 1 pk., \$1.00;  $\frac{1}{2}$  bu., \$1.90; 1 bu., \$3.50; 2 bu. or more, \$3.30 per bu.

## MURDOCK YELLOW DENT CORN

Absolutely the finest Yellow Dent Corn for Northern Iowa, Northwestern and Western Nebraska, Colorado, South and North Dakota, Minnesota, Wisconsin and for the whole Northern Zone. It originated in Wisconsin and secured the highest award for the "Best Ten Ears in the Northern Zone" at the National Corn Exposition, held in 1910 in Omaha. It is a pure Yellow Dent, with ears averaging about eight inches in length, very uniform in size and type, with very deep and large kernels set in 16 to 20 rows on the cob. The tips are perfectly filled out with dent, not flinty kernels. The stalks are of medium height, stout and stock. Murdock Yellow Dent ripens in ninety days under average conditions, and is an enormous cropper for so early a variety, yielding from 70 to 100 bushels per acre.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$1.00;  $\frac{1}{2}$  bu., \$1.90; 1 bu., \$3.50; 2 bu. or more, \$3.30 per bu. Bags free.

## IOWA SILVER MINE

This is a variety of genuine merit, a splendid yielder of high quality, extremely hardy, early in maturity, does well on thin land, and surprises in high yield on rich land. Our Silver Mine has been bred and improved upon for many years, special stress being given to the essential elements of yield as well as quality, and is superior to most other strains of Silver Mine. Description: Pure white in color, ears very heavy, from 10 to 13 inches in length, grains densely set on cob in straight rows, stalks grow to a height of seven or eight feet and set the ears about four feet from the ground, just the right height for easy picking.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$1.00;  $\frac{1}{2}$  bu., \$1.90; 1 bu., \$3.50; 2 bu. or more, \$3.30 per bu. Bags free.

## IMPROVED LEAMING

Probably planted over a greater area of the country than any other variety on account of its great adaptability. Extensively grown for ensilage.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$1.25;  $\frac{1}{2}$  bu., \$2.40; 1 bu., \$4.50; 2 bu. or more, \$4.30 per bu. Bags free

## BOONE COUNTY WHITE CORN

This is a popular variety of white corn in the central corn belt. Larger in size than Silver Mine, slightly later. Very heavily productive, and first-class white corn in every respect.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$1.00;  $\frac{1}{2}$  bu., \$1.90; 1 bu., \$3.50; 2 bu. or more, \$3.30 per bu. Bags free.

## MINNESOTA KING CORN

This is a very distinct variety, half flint, half dent, valuable for the Northwest, being extremely early and very productive. There are other varieties of corn that yield considerable more when circumstances are favorable, but year in and year out, through favorable or unfavorable seasons, there are but few kinds that produce such large average yields as Minnesota King. The ears are of good size, eight rowed, kernels very broad, of bright yellow color, cobs very small. Minnesota King will stand more unfavorable weather than any other corn.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$1.25;  $\frac{1}{2}$  bu., \$2.40; 1 bu., \$4.50; 2 bu. or more, \$4.30 per bu. Bags free.

## WHITE TRIUMPH FLINT CORN

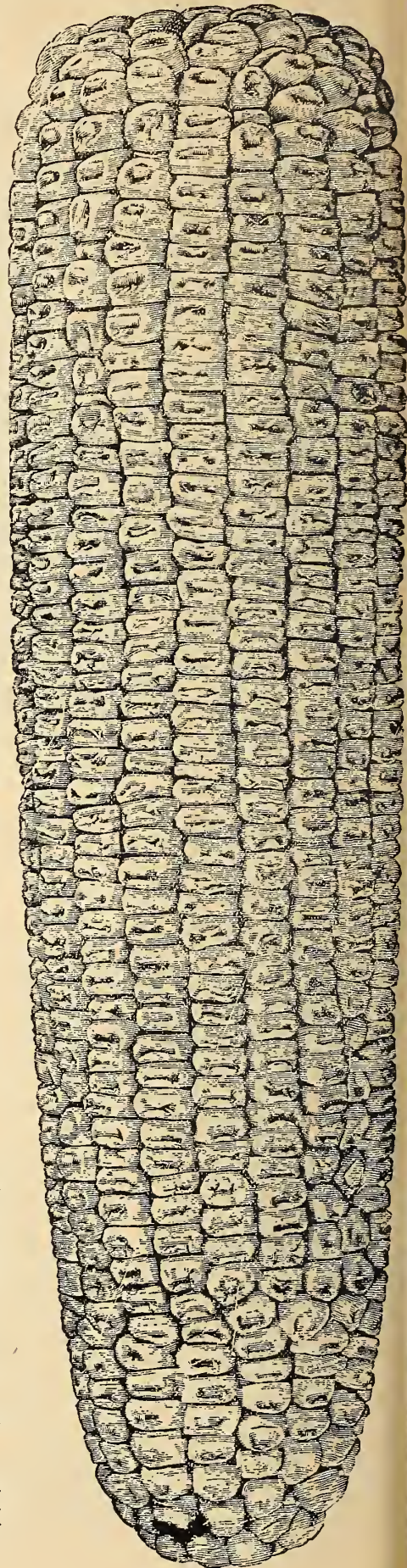
A tawny and smoky white variety. The ears are of unusual length, 12 to 15 inches, smooth and symmetrical. Stalks bear two or three ears.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$1.25; 1 bu., \$4.50.

## LONGFELLOW FLINT CORN

A beautiful eight-rowed variety of the Canadian type. The ears are of great length, 10 to 15 inches, and in color a rich, glossy yellow. The stalks grow to a height of about five feet, and the ears are borne about three feet from the ground. A favorite in the far North.

PRICE: Pkt., 10c; 1 lb., 30c, postpaid. Not prepaid:  $\frac{1}{4}$  bu., \$1.25; 1 bu., \$4.50.





## Mammoth White Cory Sweet Corn

The most popular extra early Sweet Corn. Ears large, as long as those of Early Cory, kernels set close so there is no loss of space on the cob; eating quality excellent. Stalks vigorous, of medium size, usually averaging two ears to the stalk. The dry seed is firm, of very large size and germinates well from early planting. Market gardeners know this variety well, the important thing with them is to get pure, reliable seed. We have it. Our seed is a very pure strain. Pkt., 10c; pt., 35c; qt., 65c, postpaid.  $\frac{1}{2}$  pk., \$2.00; 1 pk., \$3.75; bu., \$13.50, not prepaid.

### GOLDEN BANTAM SWEET CORN

Claimed to be the richest and sweetest of all Sweet Corns. Large ears, very symmetrical, with yellow kernels which at first give the impression of field corn, but after tasting, it proves to be real Sweet Corn and of exceptionally good quality. In season it is medium early, coming about a week after the Mammoth White Cory. Pkt., 10c; pt., 35c; qt., 65c, postpaid. 1 pk., \$3.75, not prepaid.

## Early Mayflower Sweet Corn

### EARS LARGE AND HEAVY

MAYFLOWER is the earliest large eared Sweet Corn on earth. We have grown a number of early varieties the past season, and have found the Mayflower to be ahead of all in earliness.

MAYFLOWER has large heavy ears and surpasses, in this respect, the Early Iowa variety. The ears are twelve rowed and the grains are of fair depth and width. While it is not as sweet as the Golden Bantam, its quality is high, considering the earliness.

MAYFLOWER will prove a big money maker; by growing Mayflower, you will be able to sell Sweet Corn a whole week before White Cory will be ready.

MAYFLOWER grows 4 feet high and each stalk bears two fully developed ears. The ears are not as large as those of the Evergreen; but what it lacks in size, is fully made up by its earliness. Besides, the Mayflower has a long overlapping husk and appears to be of real good size and is readily salable.

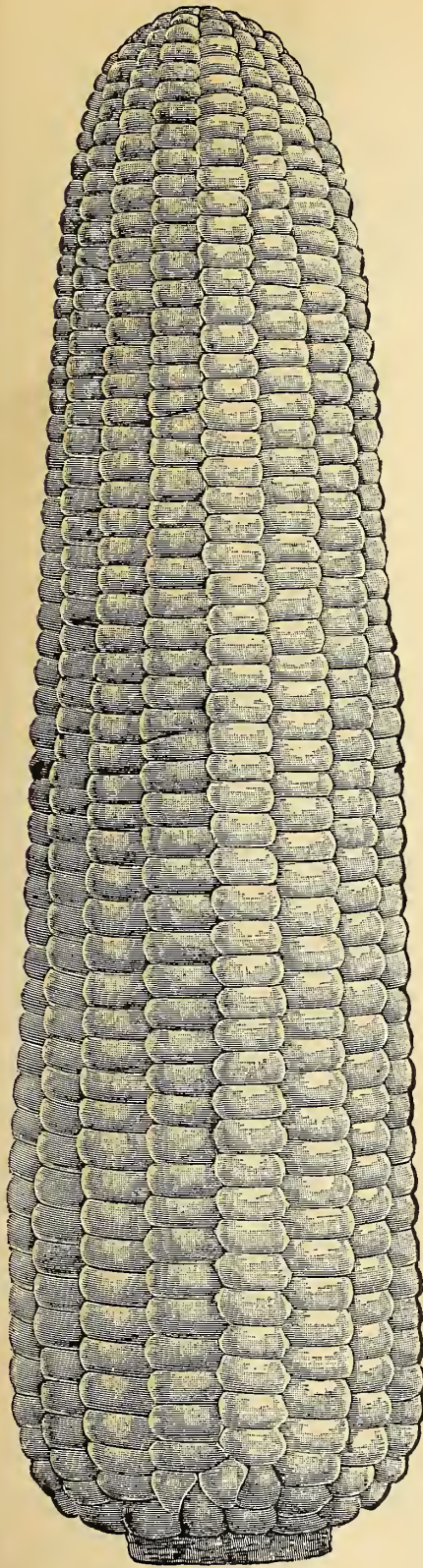
MAYFLOWER is a very valuable variety for all who grow for the market, and we are quite sure that at the present time, there is no early Sweet Corn that could compare with the Mayflower as a money maker. Pkt., 10c; pint, 40c; quart, 75c, postpaid. Unprepaid:  $\frac{1}{4}$  bu., \$3.75.

### TO OWNERS OF LIBERTY BONDS

We take Liberty Bonds in place of cash at full face value. For Example if your order amounts to \$55.00 we will take one \$50.00 Liberty Bond and the balance in cash, or if your order should amount to \$100.00 or more we will take one \$100.00 Liberty Bond and the balance in cash. In case your order should run into a larger amount we will take Liberty Bonds for any amount of seed that you will need.

## Early Iowa Sweet Corn

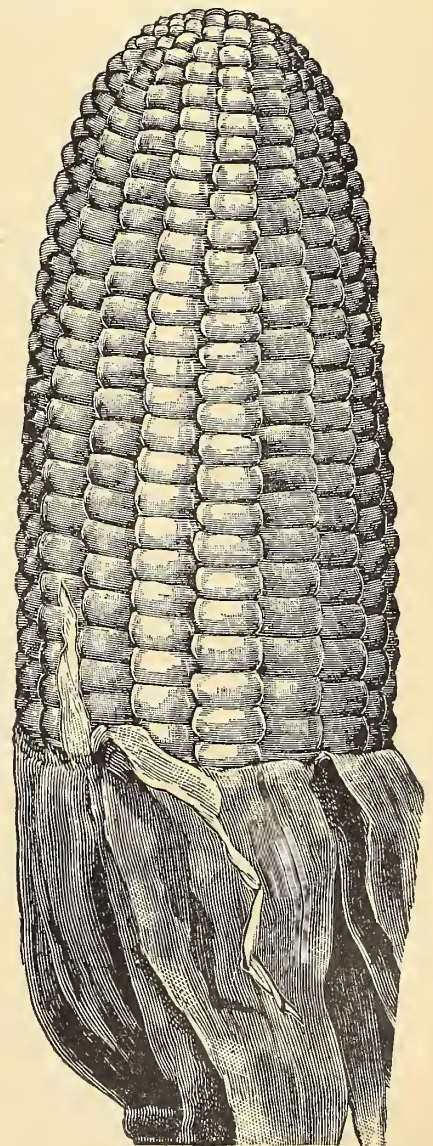
An extremely early variety producing small ears, yet of sufficient size to be salable. It is a week earlier than White Cory and 3 to 4 days earlier than Mayflower. For that reason, it is very profitable to grow for the market as it comes at the time when NO OTHER SWEET CORN with heavier ears is on the market. The ears are eight rowed and have a long husk which makes them look larger than they really are. There are usually two ears to a stalk. The corn is sweet, juicy and tender. Pkt., 10c; pt., 40c; qt., 75c, prepaid. Not prepaid:  $\frac{1}{4}$  bu., \$3.50.



STOWELL'S EVERGREEN.

### STOWELL'S EVERGREEN SWEET CORN

The standard for quality and the leading main crop variety for home use, market and canning. Our seed is from pedigreed stock, showing its high development in unequalled sweetness, its deep kernels, large ears and in the entire absence of the flintiness prevalent in inferior stock. Pkt., 10c; pt., 40c; qt., 75c postpaid.  $\frac{1}{2}$  pk., \$1.90; pk., \$3.50, not prepaid.



MAYFLOWER.



# Bantam Evergreen Sweet Corn

THE FINEST AND SWEETEST OF ALL SWEET CORNS

This variety is a cross between Golden Bantam and Stowell's Evergreen. It has been improved upon by careful selection for a number of years so that it is now running nearly true to type. Bantam Evergreen is even sweeter than the Famous Golden Bantam. Of surpassingly delicious flavor, tender and full of milk. In season it is second early. The kernels are plump and full under an exceedingly tender cream colored skin, that fairly melts in the mouth. It is a vigorous grower attaining a height of 6 to 7 feet and averaging two good ears to a stalk. In short Bantam Evergreen has the combined good qualities of the famous Golden Bantam and just as famous "Evergreen." Some who grow this corn go as far as saying that it outclasses the two sorts by far in sweetness and rich tender quality. Pkt., 10c; pt., 40c; qt., 75c, postpaid. Not prepaid: ½ pk., \$1.95; ¼ bu., \$3.75.

## SWEET CORN—KENDELL'S EARLY GIANT

Remarkably large in ear for a second early sort and very popular in some localities as a market sort. The stalks are about 6 feet high, the ears about 9 inches long and as a rule twelve rowed. The grain is white, rather broad and shallow and the quality is very good. Pkt., 10c; pt., 40c; qt., 75c, postpaid. By freight, your expense: ¼ bu., \$3.75.

# White Mexican Sweet Corn

Do you know the marvelous sweetness of the old Black Mexican Corn? You like its taste, but dislike its color. We now have something finer in every way, superior in sweetness, a pure ivory white color, large as the Minnesota, earlier than the Cory. It is ready for table use in 55 days. White Mexican is superior to any extra early Sweet Corn and for market it is the finest market gardener's corn known. All who tried this variety call for it again, the surest proof of its merit. Pkt., 10c; pt., 40c; qt., 75c, postpaid. By express, your expense: ¼ bu., \$3.75.

## EARLY EVERGREEN SWEET CORN

It ripens fully ten days ahead of the well-known and popular Stowell's Evergreen. The ears are fully as large and remain tender considerably longer than those of the old Evergreen. The stalks grow to a height of about 7 feet and each stalk produces two and sometimes three fine large ears, which are protected by a thick, heavy husk. Pkt., 10c; pt., 40c; qt., 75c, postpaid. ½ pk., \$1.75; pk., \$3.25; bu., \$13.00, not prepaid.

## SHAKERS EARLY SWEET CORN

A second early variety quite popular in the Middle West. The ears usually have twelve rows of beautiful milk white grains which remain tender and sweet for a long period. Only a few days later than Cory, but much better in quality. Pkt., 10c; pt., 35c; qt., 60c, postpaid. ½ pk., \$1.50; 1 pk., \$2.75; 1 bu., \$10.00, not prepaid.

## BLACK MEXICAN SWEET CORN

Very sweet and of extra good quality. Grains when first perfected are pure white, turning to bluish purple and rather flat. Ears of good size. Quite early. Pkt., 10c; pt., 20c; qt., 35c, postpaid. ½ pk., 70c; pk., \$1.25; bu., \$4.50.

## OTHER SORTS

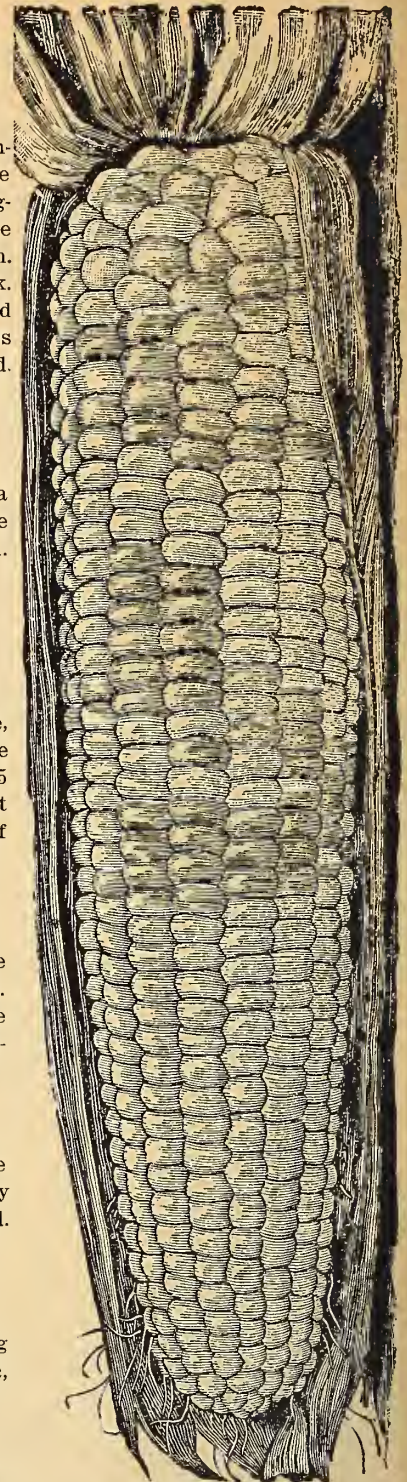
	Pkt.	Pt.	Qt.	Pk.
MINNESOTA .....	\$0.10	\$0.30	\$0.55	\$3.00
PEEP O' DAY .....	.10	.35	.65	3.50

## LONG ISLAND BEAUTY SWEET CORN

Ears larger than those of Stowell's Evergreen, comes in with Early Evergreen, grain deep and of the finest quality. Extra heavy yielder. This variety is very popular with market gardeners in the East and from what we have heard about this sort we judge that it is one of the most valuable late sorts, where a larger ear is wanted. Pkt., 10c; pt., 40c; qt., 75c, postpaid. By express or freight: ½ pk., \$1.90; ¼ bu., \$3.50.

## HOWLING MOB

An excellent early variety. Ready for market 4 to 6 days after White Cory. Height 4 to 5 feet, usually producing two good ears to the stalk, measuring 7 to 9 inches in length, with 12 or 14 rows of grains. Pkt., 10c; pt., 40c; qt., 75c, postpaid. Not prepaid: ½ pk., \$1.95; ¼ bu., \$3.75.



WHITE MEXICAN.

## COUNTRY GENTLEMAN SWEET CORN

Very productive, single stalks bearing from four to six fine large ears which average 8 to 9 inches in length, have very small cob and plump, nearly white kernels, quite deep. When eating this Corn it melts in the mouth. Popular both with amateurs and the market gardeners. Anyone planting corn should have this variety. Pkt., 10c; pt., 40c; qt., 75c, postpaid. ½ pk., \$2.00; pk., \$3.75; bu., \$13.50, not prepaid.





## Cucumber Jumbo

A Novelty of Great Merit.  
Fruits Very Long, Glossy  
Green, Exceedingly Crisp.

By the introduction of this cucumber, we are placing on the market a variety of exceptional merit, and one which will meet with the heartiest reception by all market gardeners as well as private planters.

**JUMBO CUCUMBER** differs from all other cucumbers in many respects.

**FIRST**—It has a very handsome, smooth, long and slim fruits. The skin is of a dark green color, nearly black, and with only a few spines that are hardly noticeable. It is very symmetrical, being two feet long, and never more than three inches in diameter, except when fully ripe. It is faintly striped. The illustration gives a correct idea of its shape.

**SECOND**—It is a very vigorous grower with vines twice as long and leaves twice as large which stand twice as high as those of other varieties.

**THIRD**—Jumbo Cucumber is enormously productive. The strong vines are heavy bearers and those growing Jumbo Cucumber will certainly be highly elated when looking over their patch of beautiful long slim fruits.

**FOURTH**—Jumbo Cucumber is the finest eating cucumber on earth. It has very few seeds and the seeds are only one-half the size of other slicing varieties. The flesh is so tender and brittle that a slice of this cucumber taken on the end of a fork will break in two with only a slight jerk. We are certainly fortunate and glad to be able to offer a cucumber so extraordinarily good, and assure you that you never had as fine a cucumber as our Jumbo in your garden.

Crop almost a total failure. Seed very scarce. 30 seeds, 20c.



CUCUMBER—EARLY FORTUNE.

### EARLY FORTUNE CUCUMBER

The fruits are almost cylindrical in form, slightly pointed at the ends, smooth and of deep rich green color, marked with distinct light green lines at the stem end; of very attractive appearance, very productive and very early. A favorite in many parts of the South to ship North. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75, postpaid.

### EXTRA EARLY CYCLONE CUCUMBER

Very prolific and the earliest of all White Spine Cucumbers. The fruit is short but thick, about 4 inches in length. Pkt., 5c; oz., 15c; lb., \$1.25, postpaid.

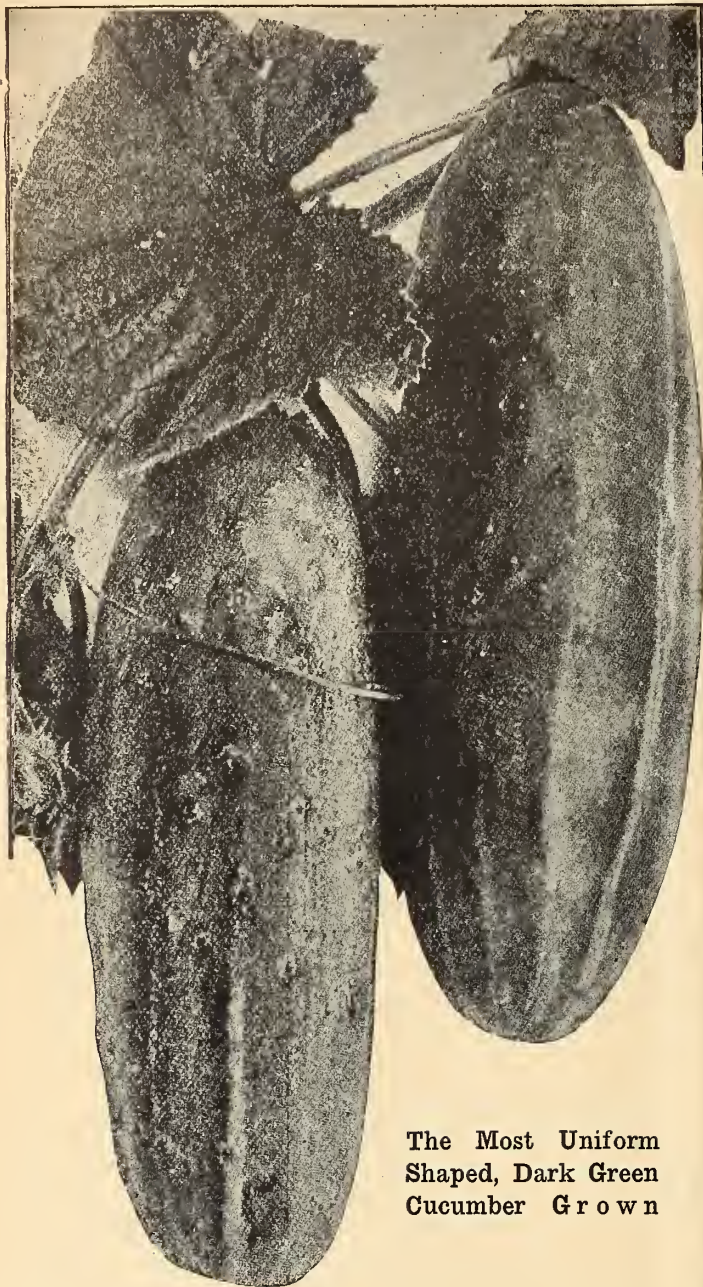
### GHERKIN

Entirely distinct sort with rough prickly fruit that grows on a pretty vine with leaves resembling those of a watermelon vine. It is grown for pickles only and must be picked when young. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50, postpaid.

### FORDHOOK FAMOUS CUCUMBER

A type of White Spine Cucumber. The fruit is from 12 to 17 inches long, symmetrical, sometimes slightly bent, but very solid; of rich deep green color and perfectly smooth. Always solid, the flesh being greenish white, crisp and of most delicious flavor. Vines very vigorous with large, thick heavy leaves which withstand the attacks of insects. A first-class slicing cucumber and quite early. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.





The Most Uniform  
Shaped, Dark Green  
Cucumber Grown

## Extra Early Express Cucumber

**EXCEPTIONALLY EARLY—OF FINE FORM AND  
COLOR**

The most beautiful and best shipper of all White Spines. It grows from 8 to 10 inches long. It is truly an evergreen, retaining its glossy green color until fully ripe. It is the earliest cucumber, bearing small fruit for pickling in 45 days from germination, and large fruit for slicing can be pulled off in 50 days. Vine a strong grower, foliage broad leaved, deep green, close jointed, does not sunburn. Blooms very early at every joint, consequently very prolific. The fruits are very symmetrical and straight and of rich dark glossy green throughout the entire length of the fruit. Our Extra Early Express Cucumber is a great profit producer and the Southern truckers who are shipping to the Northern markets will find in this variety the finest and earliest cucumber on earth. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

### IMPROVED LONG GREEN CUCUMBER

A grand variety of the Black Spine type, suitable for pickles or slicing, and the best variety for big yellow pickles. Fruit very handsome, averaging 12 inches in length, dark green, flesh white, crisp and solid, with a flavor of their own. Very heavily productive. The seed we offer is the result of a number of years of exhaustive trials and scientific selection from the pick of different strains of many growers and will surely please even the most critical. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid. 5 lbs., \$6.00; 10 lbs., \$11.50, not prepaid.

### ARLINGTON WHITE SPINE CUCUMBER

Produces cucumbers of the finest form and most salable size for shipping purposes. Deep green color and an abundant crop. Very early. Splendid as table cucumber and for market, while it is equally as desirable for commercial pickles. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.

### KLONDIKE CUCUMBER

The fruit averages 8 inches in length, is of fine form, always dark green, with pale stripes from the stem end, and of superb flavor. Very popular with many large growers in the South for shipping to Northern markets. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid. 5 lbs., \$6.00; 10 lbs., \$11.50.

### JAPANESE CLIMBING CUCUMBER

This is a first class variety for the home garden. It has a strong climbing habit and does best on poles or trellis, thus taking up very little room in the garden. The vines are strong growers and bear abundantly. The fruit is 8 to 10 inches long, of even diameter throughout the entire length. The flesh is solid, crisp and of superb flavor. Japanese Cucumber is a sort that should have a place in every city garden. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50, postpaid.



CUCUMBER JAPANESE CLIMBING.



# Davis Perfect Cucumber

## LONG, SLIM, GLOSSY GREEN FRUIT

Davis Perfect is the most beautiful cucumber grown, of most perfect size, of superb quality, almost seedless, and the seeds, when it is in slicing condition, are so tender and small that they are unnoticed. When grown out of doors the color resembles a hothouse cucumber so closely that it sells well in competition with them. We sell tons of seed of this variety. The seed we offer is as pure and true to the original type as skill and scientific knowledge of seed growing can make it. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75, postpaid. 5 lbs., \$7.50; 10 lbs., \$14.50.

## EXTRA LONG WHITE SPINE CUCUMBER

Perfectly smooth, very dark green, with pale green stripes from the blossom end about one-third in length, never turns yellow, always straight and measures from 12 to 18 inches long. The flesh is greenish white, firm, crisp and of superb flavor. Compared with Davis Perfect, it is longer and decidedly larger in diameter. The flesh is unusually thick and seed space extremely small. The vines are vigorous, quite healthy, mildew proof, maintaining their luxuriance and bearing abundantly nearly the whole season. For general market and home use unsurpassed. The seed we offer is a highly improved strain. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

## LEMON CUCUMBER OR GARDEN LEMON

For sweet pickling, and for mangoes, there is nothing better than this variety. Unlike other cucumbers this variety produces round fruits about the size of a baseball, and lots of them. There is no other cucumber that will bear near as much as Lemon cucumber. It has a flavor all of its own, and is crisp, and tender having none of the bitter taste sometimes found in other cucumbers. It should be planted in every garden because it produces three times as much as any other variety, because it is of superior eating quality and because it makes the finest sweet pickles and mangoes. Pkt., 10c; oz., 30c.

## HENDERSON'S PERFECTED WHITE SPINE

This popular market gardener's variety, is one of the most prolific of our cucumbers. Combined with extra earliness and productiveness, it is a strong, rugged grower and continuous producer. Owing to its early maturity and thrifty growth it will withstand unseasonable weather and produce good crops under adverse conditions. It is equally good for forcing, and as a slicer it is hard to beat. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

## WHITE WONDER

This splendid variety produces fine fruit of regular cylindrical shape, but slightly pointed at the ends, at first pale green, but turning as they ripen to a porcelain white. In beauty of fruit it excels all the other White Cucumbers. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50.

## GIANT PERA

A vigorous plant, the leaves of which are pointed at first, and rounded later on. The fruit is long, cylindrical, measuring 16 inches or more in length, 2 to 3 inches in diameter, weighing often as much as 4 to 6 pounds and more, of an intense green color, up to full size. The flesh is white, firm and crisp. The largest fruited of all cucumbers. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

## PARISIAN PICKLE

A true cucumber, producing long, thin, crisp fruit, which, if gathered soon after they have set, make unusually fine gherkins. The spines are more numerous and smaller than in other varieties, and resemble short, stout hairs. It is specially suited for the production of gherkins, on account of its abundant and long-continued yield, provided the fruit is gathered about as soon as formed. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

## Special Offer on Seeds in Packets and Ounces

For a remittance of \$1.00 for which you order seeds in packets and ounces only, you may select seeds in packets and ounces only, to the value of \$1.25, and according to the following table:

For a remittance of \$1.00 select \$1.25 worth of seeds in packets and ounces only.  
For a remittance of \$2.00 select \$2.50 worth of seeds in packets and ounces only.  
For a remittance of \$3.00 select \$4.00 worth of seeds in packets and ounces only.  
For a remittance of \$4.00 select \$5.60 worth of seeds in packets and ounces only.  
For a remittance of \$5.00 select \$7.00 worth of seeds in packets and ounces only.

And for every additional dollar, you may select 40c more of seed in packets and ounces only.

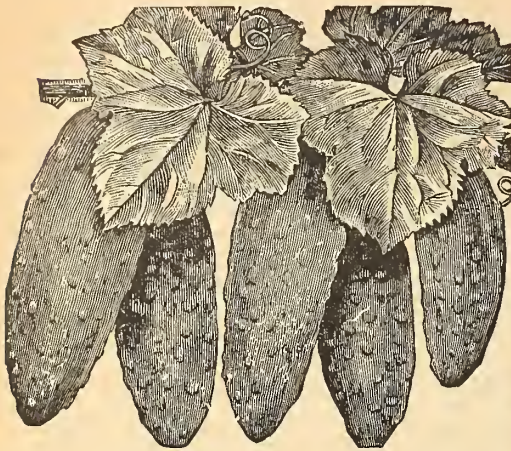
However, do not overlook that this offer applies to PACKETS AND OUNCES ONLY, and we give no premium on seeds bought in lots of  $\frac{1}{4}$ ,  $\frac{1}{2}$  and 1 lb., nor on seeds in Pints, Quarts, etc. If your order amounts to over \$2.00 and you do not specify the kind of seed you wish as a premium, we will send you a credit memorandum for packets and ounce seeds to the amount of your premium.

DAVIS PERFECT.

## SERPENT OR SNAKE CUCUMBER

A peculiar and interesting cucumber, usually much twisted, sometimes reaching the length of 6 feet, resembling a serpent. Pkt., 5c; oz., 25c.





### CHICAGO OR WESTERFIELD PICKLE

Very extensively planted by pickling concerns all over the country. Fruit of medium length, slightly pointed at both ends, with large, prominent black spines. Color a deep green. Vines set fruit when quite young and continues bearing longer than any other variety. The fruit is of the right shape and size, excellent for either short bottle pickles or large dill pickles. The seed we offer is true stock. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

### THE CUMBERLAND PICKLE

The fruit is thick set, with fine white spines, except on the extreme stem end, and makes a grand pickle. It is of the White Spine type, therefore a very strong grower and hardy, and very heavily productive. The flesh is firm, crisp and tender at all stages of its growth. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

### IMPROVED JERSEY PICKLE

A decidedly improved strain of the old reliable and popular Jersey Pickle, producing fruit uniform in size, with thin skin, white flesh and but few seeds, very crisp and tender, and having the valuable ever-bearing habit largely developed. Owing to its light color it makes what pickle men call "light" pickles. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid. 5 lbs., \$6.00; 10 lbs., \$11.50.



LEEK—BULGARIAN

## Leek

### AMERICAN FLAG

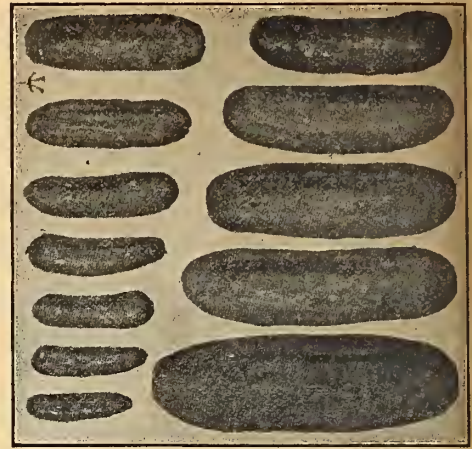
Fine for fall and winter. Of quick growth, producing long stems of uniform shape and size. Very popular and largely grown variety. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.00, postpaid.

### BULGARIAN WINTER LEEK

The best of all leeks. Extremely hardy and of enormous size, the stalks being tender up to a height of 15 inches. Of fine, mild flavor and always beautifully blanched, fine for bunching. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50, postpaid.

### LARGE MUSSELBURG LEEK

Extra broad leaved variety, branches to a large size. Of mild and pleasant flavor. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.00, postpaid.



### SNOW'S FANCY PICKLING CUCUMBER

Resembles the Chicago Pickle, from which it differs in being shorter when ripe. A strong feature of this variety is that the fruit is very uniform and handsome, and well deserves the name "Fancy Pickle." Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50 postpaid.

## Kohlrabi

This is a splendid vegetable and it is surprising that it is not more popular. It forms a bulb above the ground, which is peeled and used the same as turnips. Kohlrabi is more easily raised than turnips and in quality and flavor beats any turnip by miles. A favorite vegetable everywhere in Europe. The seed may be sown early in spring and again in succession until August, in rows 18 inches apart and one foot in the row.

### WHITE PRAGUE KOHLRABI

The finest variety today. The bulb is round somewhat flattened, skin silvery white, with very short top. Of excellent quality, crisp and exceedingly tender. It ripens fully two weeks earlier than the old standard sort of White Vienna. Very hardy, may be sown quite early, also fine for forcing. Pkt., 10c; oz., 60c; 1 lb., \$8.00, postpaid.

### EARLY PURPLE VIENNA

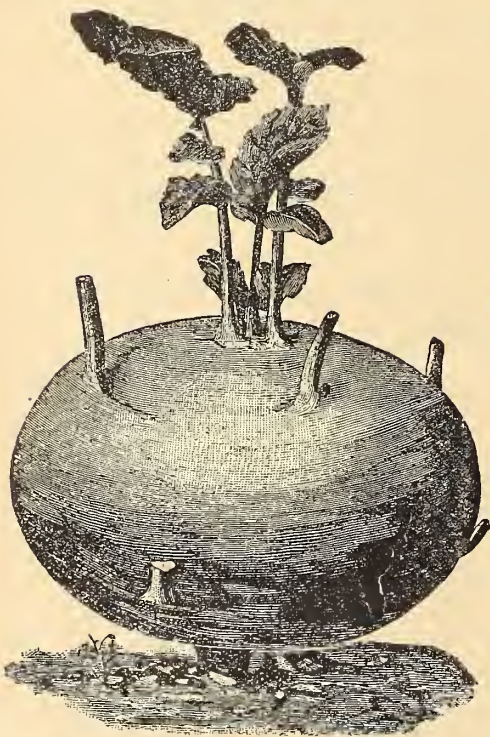
Of same usefulness as the White Vienna but having purple skin. Very tender. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.25, postpaid.

### GIANT GREEN BOHEMIAN KOHLRABI

Has met with general favor with all who have tried this variety. Customers write us that the individual bulbs weigh from 8 to 15 pounds and over. Notwithstanding great size they are pronounced by everybody as very tender and solid, never hollow or stringy. Pkt., 10c; oz., 30c, postpaid.

### EARLY WHITE VIENNA KOHLRABI

An excellent old variety, very early, white and tender. Choicest seed of true stock. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.25, postpaid.



KOHLRABI WHITE VIENNA.



# Lettuce

## IMPROVED BIG BOSTON

**Sure Header and Very Hardy—Splendid Shipper**

This is a selection made from the well known and popular Big Boston by a noted seed specialist, Mr. Davy, of Arpajon, France. The mature plants are compact, forming a well defined, broad, slightly pointed, hard, well blanchéd heads, with outside leaves characteristically turned and twisted backward at their uppermost borders, but otherwise very tightly and completely overlapping one another. Leaves very broad, smooth, thick and stiff, not easily torn, making it a splendid shipper. Color light green excepting an extremely narrow, sharply defined, light brown border. It surpasses the old variety by being of rich buttery flavor, and forming extra large sized heads which sometimes weigh 5 lbs. each. It succeeds admirably well in all parts of the country, but especially largely grown in the South by market gardeners to ship North during the winter. Fine variety to grow in late autumn in North, also a reliable summer lettuce and suitable for forcing. A sure header, very hardy, slow to shoot to seed, and reliable in every way. Our seed is grown from transplanted and well selected heads. This being Mr. Davy's important specialty, the lettuce is improved upon every year. We can say with confidence that this is the finest strain of Big Boston in the whole world, and well worth the money we ask for it. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.50, postpaid.



LETTUCE IMP. BIG BOSTON.

## BLACK SEEDED SIMPSON LETTUCE

Black Seeded Simpson is the finest leaf lettuce, and absolutely reliable, succeeding admirably well whether planted in the spring, summer or fall; whether in the open or under glass it never disappoints. Very popular with both market gardeners and amateurs. Stands more heat, more drought, and succeeds under the most unfavorable conditions, where most other lettuces would be a failure. Our seed has been saved from the largest, earliest and most perfect heads, and can be relied upon in every way. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

## GRAND RAPIDS LETTUCE

Of quick and strong growth, not liable to rot, can be planted closely and of very handsome appearance. A little coarser than Black Seeded Simpson, for this reason stands shipping better and lasts longer after being cut than any other loose head variety. A favorite with many gardeners and by far one of the best and most profitable sorts for growing under glass. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c; 1 lb., \$1.75, postpaid.



LETTUCE BLACK SEEDED SIMPSON.

# All Season Lettuce

**THE BEST HEAD LETTUCE ON EARTH**

This is the finest, sweetest, tenderest and largest Head Lettuce on earth. A new variety which originated a few years ago in Northern France, and the most valuable of all lettuces lately introduced. A decidedly butter variety with thick soft leaves of much substance, strictly cabbage-heading, very slow to shoot to seed, of regular growth, medium early in season. Heads globular, very compact, well defined, extremely well blanchéd. Leaves broad in shape, peculiarly smooth, very little blistered, unusually thick in appearance, crisp, tender, sweet and white, delighting both the palate and the eye. The heads are almost as large as Late Flat Dutch Cabbage, of grayish green color, never spotted nor brownish, extremely solid. A distinct sure heading variety for all seasons, unsurpassed as a Head Lettuce for general home and market garden use in Northern climates. The seed we offer is grown by the originator in Northern France. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.25, postpaid.



LETTUCE ALL SEASONS.



# New York Lettuce

## A GRAND CABBAGE LETTUCE

A reliable sure heading, summer variety for either the private or market gardener and of the best quality. Heads very large weighing from 3 to 5 lbs. each. Probably the best of all summer lettuces. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

## TENDERHEART LETTUCE

This is a strictly fancy large head lettuce and a sure money maker. It is two weeks earlier than Big Boston, and most attractive in appearance. The heads are compactly formed with well blanched heart, leaves of fine quality, tender, crisp and sweet. Does its best when transplanted from the frames to outside in the spring. Should be planted 15x15. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.25, postpaid.

## MAY KING LETTUCE

The earliest head lettuce with fine compact heads, with outer leaves folding close to the head, thus permitting close planting for frame work. By far the best variety for home garden, as well as for market gardeners who grow early head lettuce. Quality excellent, exceedingly tender, crisp and sweet, color bright light green, outer leaves slightly tinged with brown, heart of a beautiful, appetizing yellow. Whoever tried this variety praises it most enthusiastically, and when we say that May King is the finest and best of early head lettuce it is nothing more than stating a mere undeniable fact. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

## DEACON LETTUCE

A splendid market gardener's lettuce, and because of its high quality and easy culture, one of the very best for home use. Head large, globular, firm, well defined, very well blanched, color a peculiar light grayish green, never spotted nor brownish in any part, quality excellent, sweet, decidedly buttery in flavor, and with leaves exceedingly thick and of much substance. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.



LETTUCE HOT WEATHER.



LETTUCE NEW YORK.

## TENNIS BALL BLACK SEEDED

An old and popular sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

## BIG BOSTON LETTUCE

Plants are large and vigorous, the leaves of bright light green color, while the inside is creamy white, crisp and tender. Most largely planted variety by the Southern market gardeners to ship North. Extra selected American grown seed. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

## UNRIVALED LETTUCE

Rapidly coming into favor with market gardeners who plant this sort in place of the Big Boston variety. Its usefulness and value are exactly the same as that variety, but it is preferred by some gardeners because solid green in color, never brown or spotted. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

## EARLY PRIZEHEAD LETTUCE

An excellent variety and planted extensively by amateurs, one of the most largely planted of all lettuces. Heads loose with leaves much crumpled and fringed, the outer leaves being somewhat shaded with brown. Very tender and crisp in texture. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

# Lettuce Hot Weather

## AN EXCELLENT SUMMER VARIETY

This is absolutely the best firm heading lettuce to grow through the summer months. It will not scald or burn, and will make a head when other varieties utterly fail. It somewhat resembles Salamander in character of leaf, color and size, but the head is larger, more compact, and will stand much longer before shooting to seed. In fact, it is all head, having very few outer leaves. It heads up quickly and this makes it valuable for an early crop. It beats both Salamander and Big Boston, in fact, all other varieties, and it will make heads sooner, and harder than either Big Boston or Salamander. Whoever has tried this variety cannot praise it too highly. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.25, postpaid.

Many thanks for your good seeds. I am recommending your firm to all people around here whenever there is a chance; the high quality of your seeds, and a square way of dealing certainly deserves praise.

J. KUBAT,

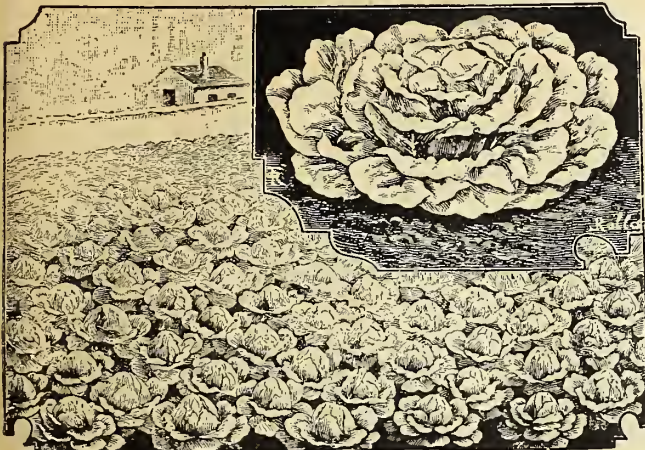
Bohemia, N. Y.

Your Faultless cabbage is the best that I have ever raised.

J. HEIDELBERG,

DeValls Bluff, Arkansas.





BOHEMIAN HEAD LETTUCE.

## Bohemian Head Lettuce

Earlier Than May King; Sure Heading, Crisp and Tender

This new Head Lettuce will be found invaluable for summer use as it withstands dry seasons and will remain longer than any other known sort without running to seed or going to decay. Color light green, leaves uniform and nearly all turning into the head. The head is of good size, close, and a little flattened. Inside leaves are well blanched, crisp, exceedingly tender, and sweet. The greatest virtue of Bohemian Head Lettuce lies in the fact that it is very early and that it is very slow to shoot to seed. In our trials, it matured a week earlier than the May King. Most of the plants of the May King instead of making heads, went to seed; but not a single plant of the Bohemian Head Lettuce failed to make nice, solid and salable head. This was in the spring of 1915, during a dry and warm spell. Anyone can grow Head Lettuce to perfection if he will plant this new and highly valuable variety. Pkt., 10c; oz., 35c; ¼ lb., 80c; 1 lb., \$3.00.

### EXPRESS COS LETTUCE

Strictly self closing variety, very early in season, excellent for either home or market gardener. Quality the very best, very hardy in texture but exceedingly sweet and crisp. The earliest of all Cos ettuces. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25, postpaid.

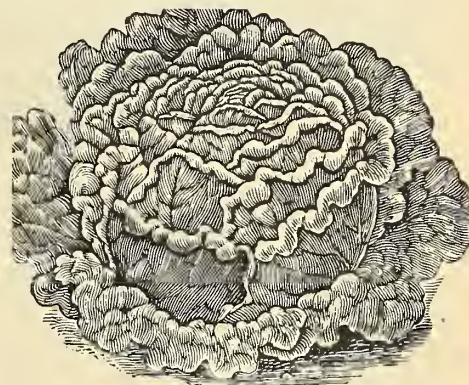


### LETTUCE WAYAHEAD

An extra early heading lettuce, producing medium sized heads, which are tightly folded, the inner head bleaches to a rich buttery yellow, while the outer leaves are of a light green color. Quality excellent, very sweet and slightly buttery in flavor, crisp and of firm texture, an excellent lettuce for sowing in cold-frames in the early spring, as well as in the open ground in spring or fall. Pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., \$1.25, postpaid.



LETTUCE WAYAHEAD.



### IMPROVED HANSON LETTUCE

The standard summer cabbage-heading variety for either the home or market gardener. Sure header and reliable in every way. Heads very large, globular in form, extremely hard, well defined, well blanched, with leaves tightly over-lapping one another. Leaves very broad, much blistered and crumpled, very thick, finely fringed at borders. Color light green of a shining metallic surface, of fine appearance. Extremely crisp and firm in texture and very sweet. Stands more drought than any other head variety and is therefore popular and largely planted in all parts of the country. Extra selected seed, saved from transplanted and perfect heads. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25, postpaid.



PARIS WHITE COS.

### CALIFORNIA CREAM BUTTER LETTUCE

One of the most buttery flavored and best in quality. Heads large, firm, cream white inside and rich glossy green color outside. Quality excellent. This variety is grown everywhere in the United States by private and market gardeners. Especially a favor in California and all over the South. Excellent for shipping, very hardy, stands winter well, and is especially good for summer. Not adapted for forcing. Pkt., 5c; oz., 15c; ¼ lb., 35c, postpaid.

## Paris White Cos Lettuce

Also called Celery or Romaine Lettuce. A very distinct type of lettuce forming a tall, slightly oblong bunch of large, thick and crisp leaves. Of very highest quality and could be extensively planted for reason of being best of all lettuces in quality. Hard and coarse in texture but possesses a freshness and distinct quality which is always much liked and makes a pleasant change from other varieties. This lettuce is extremely popular everywhere in Europe. Heads of immense size, often weighing six pounds each. Those who have never grown this class of lettuce should try it.

Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25, postpaid.



THE MOST POPULAR GREEN  
FLESHED MUSK-  
MELON  
THE WORLD OVER



## Rocky Ford Muskmelon

The King of Green-Fleshed Muskmelons

IDEAL SHIPPER, HEALTHY VIGOROUS  
GROWER, SWEET AND SUGARY

The most popular of all green fleshed Muskmelons. We have an exceptionally fine strain of this standard melon. One of our customers, a market gardener, who is making a specialty of growing muskmelons, used to save his seed. But his neighbor, also a market gardener, one year planted seed of our Rocky Ford and had better melons from our seed than his neighbor had from his private seed, and this gardener took exceptionally good care to pick only the earliest and finest melons out of his large patch for his seed. Our melon is very early, heavily and finely netted, weighing about one and a half pounds each. The seed cavity is triangular and very small, the attractive green flesh is very thick, luscious and of high flavor and fragrance and can be eaten almost to the rind. Highly rust resistant, very heavily productive, continuing long in bearing. In a word it is a perfect melon and cannot fail to please. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.25, postpaid.

### BANANA MUSKMELON

The fruit attains a length of 20 to 30 inches, and a diameter of about 4 inches. Flesh of rich orange color, deep and of exquisite flavor. Smells and looks like a gigantic banana. This is a very valuable melon and sells in choice city markets, 50 cents or more being sometimes demanded for a single specimen. Pkt., 5c; oz., 20c;  $\frac{1}{2}$  lb., \$1.00, postpaid.



BANANA MUSKMELON.

### BURRELL'S GEM MUSKMELON

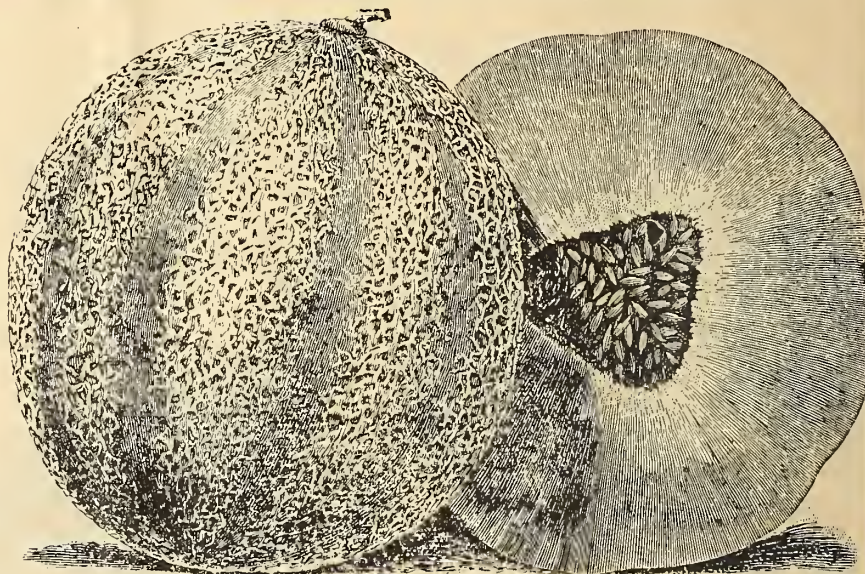
A variety that originated in Rocky Ford, Colorado. Of oblong shape, averaging 6 inches long and tapering at the ends. The meat is of rich golden yellow color, very thick and of superb flavor. An abundant yielder and fine shipper. Not recommended for localities where there is excessive rainfall, as this causes the melons to crack. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.25.

### EXTRA EARLY HACKENSACK

The best earliest, hardiest, as well as the most productive of all large netted Muskmelons. Nearly ten days earlier in season than the old type of Hackensack, with fruit of very large size, the individual Melons weighing from 4 to 10 pounds each. The skin is quite heavily netted, the flesh light green, of superb flavor, rich and sugary. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.25, postpaid.

### MONTREAL MARKET MUSKMELON

Of the green nutmeg type with fruits very large, almost round, heavily netted, with thick luscious light green flesh. Fine Canadian grown seed. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.15.



## Hoodoo

A Most Valuable New Muskmelon for Shipping

A most perfect orange fleshed Muskmelon and a big money maker for market gardeners. Highly blight resisting, of firm round form, very closely netted, exceptionally uniform in size with thin but very tough skin, making it a grand melon for shipping. In size it resembles the famous Rocky Ford, in form it somewhat more round than the Rocky Ford, a very important feature in packing for shipment. The meat is of rich golden color very thick, with only a small seed cavity, entirely stringless and exceptionally luscious in flavor. Very early and heavily productive. A grand shipper for distant markets, will carry nearly two weeks without ice. This Melon, although not planted largely by gardeners all over the country, but is most heavily planted in the state of Michigan. The Michigan growers ship mostly to the Chicago market, where their Melons bring the highest prices in competition with Melons from the whole United States. Do yourself a favor and try the Hoodoo Melon. It will mean big profit for you. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75, postpaid.





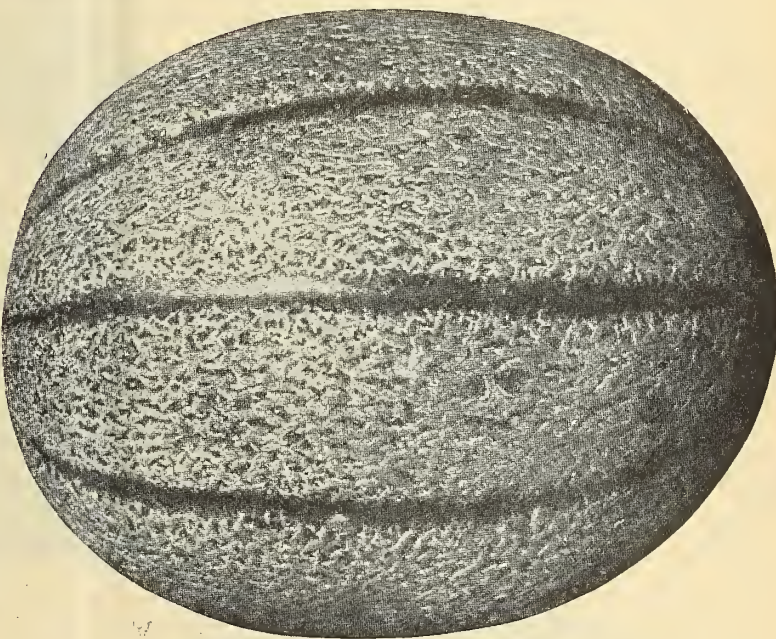
## Honey Dew Muskmelon

A cross between the Rocky Ford cantaloupe and a South Sea Island casaba or winter melon. Its great merit is its good keeping, good looking, good shipping and good tasting qualities. It is nearly round, and nearly smooth; the flesh is very thick, and in color, blends from a near white at the rind to the richest emerald green at the seed cavity, which is quite small. The flesh is crisp, and delicious, remarkably sweet, juicy and possesses a honey flavor very pleasing to the palate. It ripens two weeks later than the Rocky Ford melon. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50, postpaid.

OSAGE OR MILLER'S CREAM

## Muskmelon

One of the finest and most popular salmon fleshed Muskmelons. The fruits are large, usually nearly three times the size of the ordinary Rocky Ford, with skin moderately netted, and of oblong shape. The flesh is of rich golden color, very thick, fine grained and in flavor cannot be excelled. Especially well suited for heavy soil where other Melons usually do not give good satisfaction, also equally good for sandy soils. The seed we offer is very choice. A most excellent strain of this popular variety. The melon as selected today differs from the original type in having more netting. Very prolific, fair size, egg shaped fruits, slight silver lining, thick orange flesh, fine grained and of spicy flavor, in a word the highest bred Osage melon in existence. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.25.



## Sugar Sweet Muskmelon

Earliest of All Muskmelons

A fine early melon, ripening a few days earlier than the Rocky Ford, and for that reason, a money maker. It is a netted melon, similar in shape to the Rocky Ford. Rather large sized and therefore not suitable as a crating melon. The flesh is green with a golden lining next to the seed cavity. The melon is sweet and sugary. Plant a little of this melon so as to have melons to sell before the Rocky Fords are ready for the market. Pkt., 10c; 1 oz., 25c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, postpaid.

### NEW SUNSHINE MUSKMELON

An excellent new variety with globe-shaped fruits that average 5 pounds in weight, with perfectly smooth skin of rich lemon-yellow color beautifully variegated with green at first, and deep orange yellow when fully matured. The flesh is paper-white, very solid and thick, exceedingly sweet and fairly melting in the mouth, of most agreeable fragrance. The flavor of this new melon is most delicate and rich, and may be described as being a blend of Muskmelon, Pineapple and Bartlett Pear. The vines of Sunshine are vigorous and strong growers, withstanding the attacks of insects and continuous drought. Sunshine is a most distinct variety among Muskmelons, unsurpassed in flavor, fine appearance, and will remain in fine condition longer than any other Muskmelon. Pkt., 10c.



MUSKMELON SUNSHINE.





DELICIOUS GOLD LINED.

## Delicious Gold-Lined Rocky Ford Muskmelon

Of all the melons of Rocky Ford type this is unquestionably the best. The melon is thick meated, fine grained, and sweet; color green with a gold margin next to the seed cavity of medium size, solid net over the entire melon without any ribs whatever. Its flesh is of the most delicious flavor and elicits favorable comment when served. The vines are thrifty and rust resistant. It is an ideal crate melon, fruits all being uniform through the fields, and loss from undersize and oversize is very small. Its popularity is steadily increasing and our sales have far exceeded our expectations. This melon is a paragon of merit—in size, netting, appearance, aroma, flavor, depth of flesh, smallness of seed cavity, cropping ability and shipping quality. It leaves nothing to be desired. Absolutely the best melon for market, shipping, as well as the home garden. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.25, postpaid.

## Market King Muskmelon

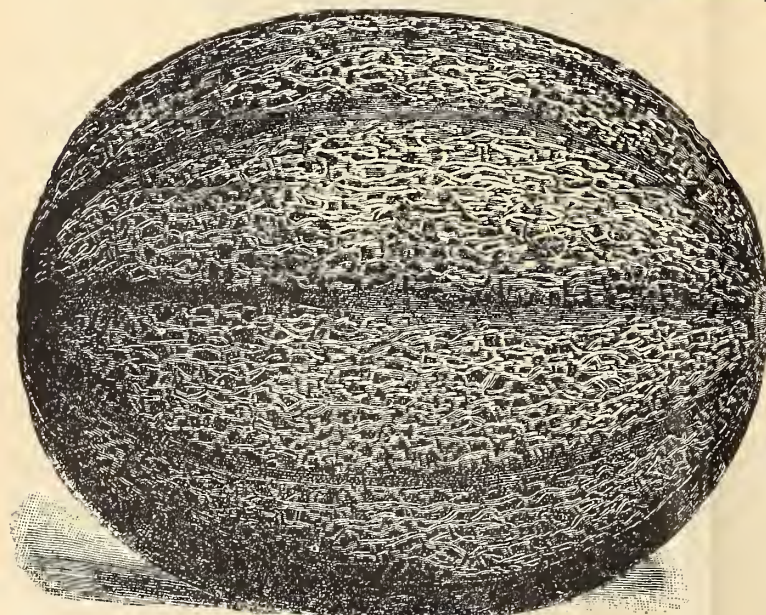
**MARKET KING** is the real king amongst muskmelons and deserves the highest place for its meritorious qualities

**MARKET KING** as soon as tried, will become the greatest favorite of all lovers of melons. All this melon needs is to be given a trial. It will not disappoint anyone.

**MARKET KING** is not only extra early, but also extra large. Its size is enormous for a muskmelon. A whole field will average 20 to 25 lbs. and selected specimens will weigh as much as 35 lbs. In spite of its mammoth size, the melon is of exceptional good quality, the flesh being deliciously sweet and luscious, and never stringy.

**MARKET KING** is a salmon fleshed variety with very thick flesh and for that reason it carries and keeps in a prime condition for a long time.

**MARKET KING** is absolutely a distinct variety, and its seeds are nearly twice as large as those of other melons. All who are looking for a large and good muskmelon will find our **MARKET KING MUSKMELON** to fill the bill. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.25.



MUSKMELON MARKET KING.

## Solid Net Burrell's Gem

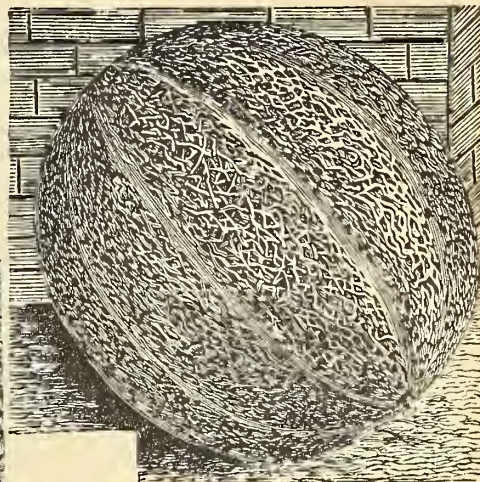
A new type of this popular melon and offered by us for the first time this year. It is certainly a dandy; and we believe will supersede all ordinary stocks of this popular variety. Its shape is better and its solid net gives it a more handsome appearance than the old style Burrell's Gem.

Burrell's Gem Cantaloupes have sold on the New York, Chicago, St. Louis and many other leading markets for from two to three times as much money as the Rocky Ford cantaloupes in competition with them. It has a tough, thin rind, well arched ribs covered with a closely laced and interlaced gray netting. The blossom end is protected with a well developed button. Shape quite elongated, the diameter from stem to blossom being one-third more than from top to bottom. Flesh of a reddish orange, very thick, fine grained and spicy. Seed cavity small and triangular, the seed closely held in place in three lobes. The average weight is about  $2\frac{1}{4}$  lbs., the length 6 inches and the thickness  $4\frac{1}{2}$  inches. The standard crate is  $13\frac{1}{2}$  inches wide,  $4\frac{1}{2}$  inches deep and 24 inches long, holding 12 melons. About 80 per cent of the crop crates nicely in the above sized crates. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.



**MUSKMELON SPICY**

Of large size, high quality and exceptionally luscious in flavor. The flesh is juicy and of deep rich salmon color, frequently 2 inches thick, entirely stringless. The rind is of grayish-yellow color and only slightly netted giving the melon a peculiar appearance. Heavily productive, frequently producing ten or more large melons on a vine. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.

**WINTER CASABA**

(White flesh). Also called Winter Muskmelon. This is one of the best casabas, and is extensively grown throughout the Southwest for shipping to our Eastern markets, and sold at such very high prices during the early winter months. The melons are nearly globular in shape, bright yellow with golden tint and wrinkled skin. Measures 6 to 8 in. in diameter. The flesh is white, very thick, juicy and of delicious flavor. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**THE MELON PEACH**

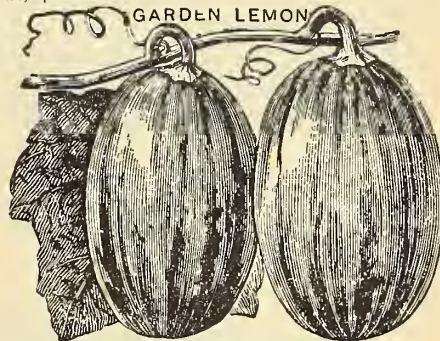
The fruit is about the size of a large peach, oval shaped and of a bright orange color, somewhat russeted. When they first ripen they are quite hard and have very little taste, but soon become mellow and sweet and have a rich flavor. When ripe the fruit falls from the vine, the flesh is very firm, with a small cavity in the center, and when peeled and the seeds taken out they much resemble peaches. For sweet pickling, pies and preserves they are superb. Pkt., 5c; oz., 25c.

**QUEEN ANN'S****SWEET SCENTED POCKET MELON OR POMEGRANATE.**

A vigorous climbing variety, fruit very small, flattened at the ends, without ribs, but marked with bands either of green or broad blotches of greenish yellow, flesh not very thick, pale orange colored, not edible, grown chiefly for ornament and its agreeable perfume, trained on trellises or arbors it is very ornamental. It is easy to grow and nothing is more fragrant. Pkt., 5c.

**MUSKMELON—PAUL ROSE**

This melon is a hybrid between the Osage and Netted Gem, combining the best points in both parents. It has the thick reddish salmon flesh, the firmness and cheesy structure of the Osage, the netting and shape resembles the Rocky Ford and the rich flavor is distinctly its own. Ripens ten days earlier than the Osage, is a perfect basket melon, does not break down in shipping. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.15.

**GARDEN LEMON****GARDEN LEMON MUSKMELON**

Resembles a lemon in shape and is of decidedly acid flavor, suitable for making preserves. A variety well worthy of a trial. Pkt., 5c; oz., 25c, postpaid. Directions for cooking with each packet.

**Mustard****CHINESE BROAD LEAVED**

The leaves are twice as large as the White, and the stems more succulent. Ready in six weeks from sowing, and continues till frost. Pleasantly sweet and pungent. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid. By express, 50 per lb.

**SOUTHERN GIANT CURLED**

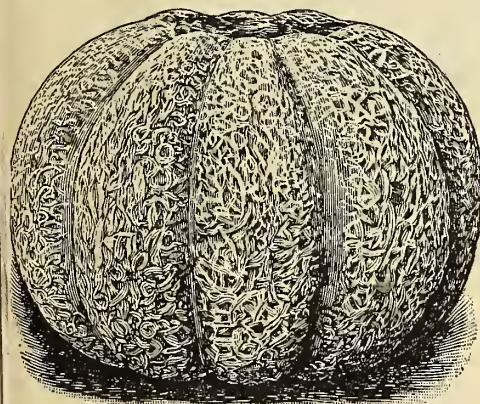
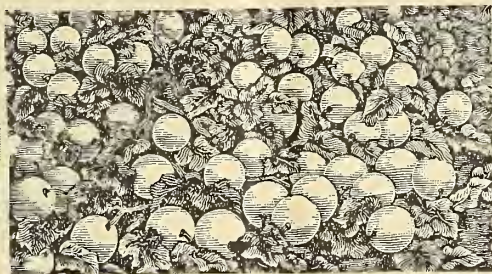
The most popular mustard with Southern growers. It forms a great mass of leaves beautifully ruffled and finely curled and crimped around the edges; succulent, pungent and of sweet flavor. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, postpaid.

**OSTRICH PLUME**

The most beautiful of all mustards. The leaves are long, ruffled and curled as gracefully as an ostrich plume. Stands summer heat splendidly. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, postpaid.

**WHITE**—The dark green, smooth leaved mustard. Mild and tender when young, grows quickly. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

**BLACK**—Stronger and more pungent than the white. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

**FORDHOOK MUSKMELON**

It is about the same size as Improved Jenny Lind, very thick flesh, of orange yellow, very small seed cavity, comparatively few seeds, flesh very solid and of high flavor, flesh staying solid and firm after melon has become quite yellow, making an excellent long distance shipper. Pkt., 5c; oz., 10c; ¼ lb., 35c.

**Brunswick Okra**

In yielding power there is no Okra that comes near this new variety. Its big pods are produced at every joint, starting a few inches above the ground, the pods are 6 to 7 inches long, 4 to 5 inches in circumference, and are so full of meat as to practically eliminate the ridge so common to most varieties. The pods stay tender longer than those of other varieties, and only very few of them are sharp pointed the thickness being carried well out to the end of the pod. Pkt., 10c; oz., 20c; ¼ lb., 5c; 1 lb., \$1.35.

**PERKINS' MAMMOTH OKRA**

An early and heavily productive variety. The pods are of extra large size and quite tender. Grows about 4 feet high. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 85c.

**OKRA—WHITE VELVET**

An entirely distinct variety with large, tender and smooth pods. Also known as Creole Okra. We regard it as one of the best varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 85c, postpaid.



# Watermelon

## HARRIS EARLIEST WATERMELON

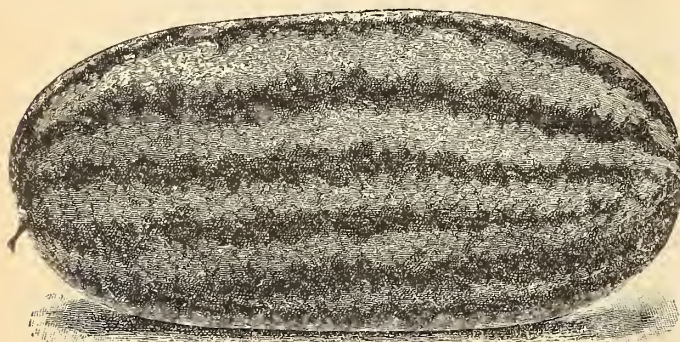
The earliest high quality Watermelon in existence. The fruit is nearly round, of medium size, individual melons weighing 17 to 25 pounds each, skin dark green, slightly mottled, thin and tough, the flesh deep red, crisp, melting and sugary. A Watermelon of excellent quality, very early, and those who wish to eat Watermelons ahead of their neighbors, should plant this fine Melon. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00, postpaid.

## EXCEL WATERMELON

Large oblong melon of a dark green color with faint stripes. Rind tough, permitting rough handling in transit, making it a good long distance shipper. The flesh is red, very solid, crisp and of excellent flavor. The vines are heavily productive. The seeds are of mixed color, some black, some white with black border. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., postpaid, \$1.10.

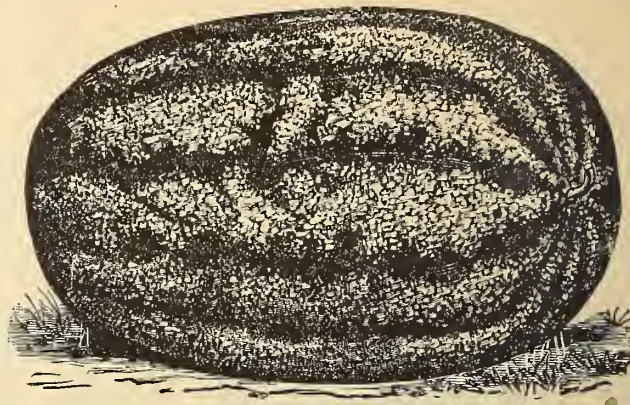


HARRIS EARLIEST.



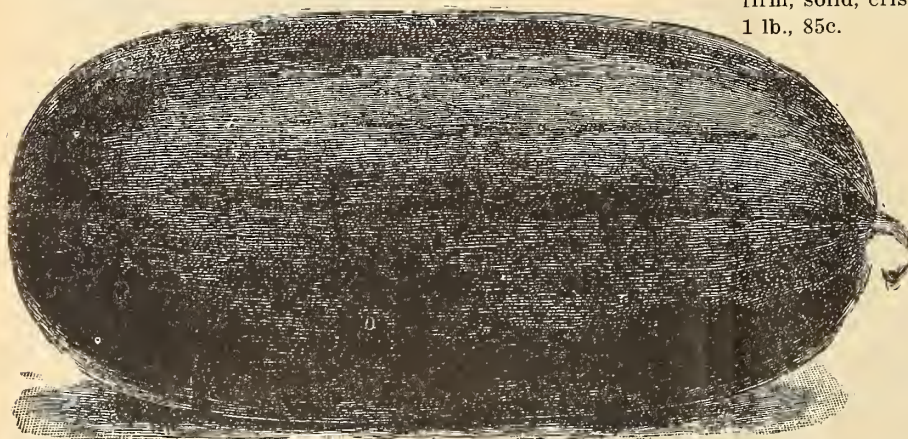
## McIVER'S WONDERFUL

Medium sized long melon, with variegated exterior, red flesh and light colored seed. The flesh is entirely stringless and very sweet. The vines are strong, thrifty and prolific. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, postpaid.



## MAMMOTH IRONCLAD

Large fruits nearly 2 feet long, skin dark green with lighter stripes. Rind thin but exceptionally tough. Flesh bright red, firm, solid, crisp, rich and sugary. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c.



## GEORGIA RATTLESNAKE OR GYPSY

A variety which has gained great popularity throughout the entire country for its size, and fine shipping qualities, and especially so in the Southern States, where melons are raised in large quantities for the Northern markets. Shape oblong of light green color, and beautifully mottled and striped with a lighter shade. Flesh scarlet, rind thin, very solid and both sweet and delicious. First class shipping variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, postpaid.

# Kleckley Sweet Watermelon

## SWEETEST OF ALL WATERMELONS

The Melon is oblong with square ends, color dark green, flesh bright scarlet with broad solid heart, absolutely stringless, with very few seeds placed close to the rind. Flesh of the highest possible quality, very crisp, sugary and fairly melting in the mouth. The individual Melons weigh for 25 to 40 pounds. The rind is too thin for shipping, but for home market or family garden this melon has no superior. Equally suitable to any part of the country except too far North. Our strain of this Melon is quite early and we have a customer, a market gardener in North Dakota, who raises fine Melons with our seeds every year. The seed we offer is of the very highest quality saved only from large and perfect specimens and can be depended upon in every way. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00, postpaid.

## COLORADO CITRON

A large fruited strain of Citron, largely used for preserving. Flesh clear white and very solid, the fruit medium sized, uniformly round. We have two varieties of citrons—the red seeded and the green seeded. Either variety. Pkt., 5c; 1 oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, postpaid.



# Angel's Kiss Watermelon

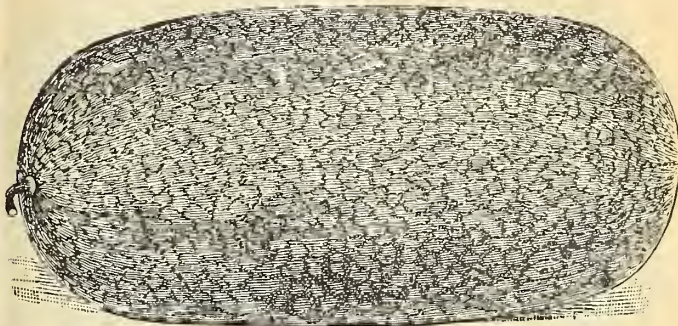
## EARLIEST AND SWEETEST OF ALL WATERMELONS

ANGEL'S KISS Watermelon is the sweetest, tenderest melon in cultivation, with flesh of the deepest indescribable crimson. It grows from medium to very large, oblong in shape; nearly white in color, handsome and attractive. The vines are robust and strong growing.

ANGEL'S KISS sets fruit before the runners are a yard long and it is such a heavy bearer that you can almost walk across the patch on the melons. One distinct feature of this melon is that the flesh is good deep red by the time the seeds are formed in it, often before the melon is really half grown. Seeds are very small and very few in the melon. Melons weighing from 40 to 60 lbs. have no more than about 200 seeds. Surely no melon could be better.

ANGEL'S KISS is a rapid seller, good shipper and a melon that will be called for to the exclusion of other sorts by customers after they have once sampled it. Our customer, Mr. F. Matej, of La Grange, Texas, writes us about this melon as follows: "Am mailing you a few seeds of Angel's Kiss watermelon for trial. During the 33 years of my stay in Texas I have tried all possible varieties of watermelons, but I never grew as good a melon as Angel's Kiss."

ANGEL'S KISS is many times as productive as most other sorts, its flesh is very tender and very sweet and best tasting no matter what the season. While other melons when the season is hot and dry have fruit that is not fit to eat, these (Angel's Kiss) are all good no matter whether they are of large size or small as a fist. We first planted this melon three years ago and since then we grow no other watermelons. I wish you would list this melon as it is really a great variety." Price: Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.



ANGEL'S KISS WATERMELON.

## HALBERT HONEY

Equal to the Kleckley Sweet, of about 20 inches oblong form, almost equally round at each end. Rind dark green. A most profitable variety to grow for local markets, but not a good shipper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00, postpaid.

## FLORIDA FAVORITE

Of oblong shape and large size, rind dark with light green stripes, flesh light crimson, very crisp and deliciously sweet, seed rather small and of a light creamy white color. A popular variety for both market and private gardens. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, postpaid.

SUGAR STICK WATERMELON.

## WATERMELON—SUGAR STICK

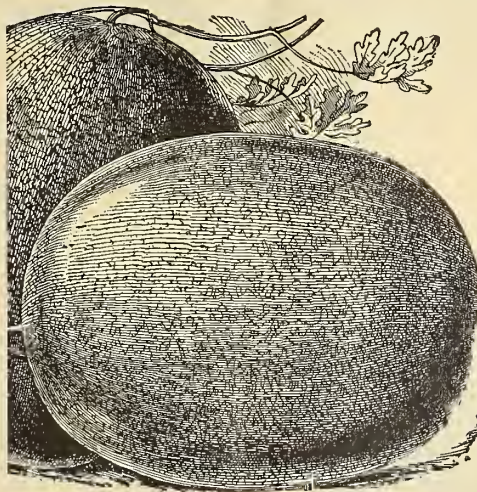
An improvement over Gray Monarch. Of oblong form measuring from 20 inches to 2 feet in length, with an average weight of 30 pounds. Flesh bright crimson, stringless, crisp and sugary. Color of rind light green. A good melon in every respect. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00, postpaid.

## KOLB'S GEM

Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and light green. The rind is exceedingly hard and firm, making it a good sort for shipping. Flesh bright red, solid, a little coarse but sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c.



KOLB'S GEM.

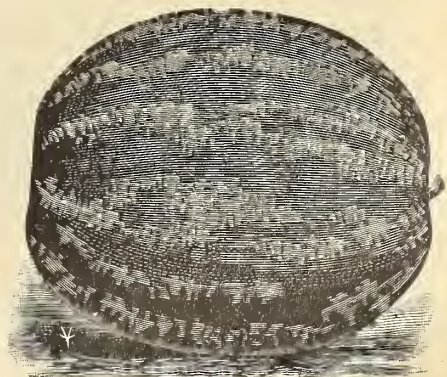


## SWEETHEART

An oval light-green-skinned variety, with very thin rind, but quite firm and solid. Flesh bright red, of delicious, melting flavor. A desirable variety for private growing, but not for market, as the color of the rind is objectionable. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c.

## COLE'S EARLY

Very hardy, sure cropper, and extremely delicate in texture of flesh which is of a dark red color and very sweet. Medium size, nearly round, rind green, striped with lighter shades. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, postpaid.



COLE'S EARLY.

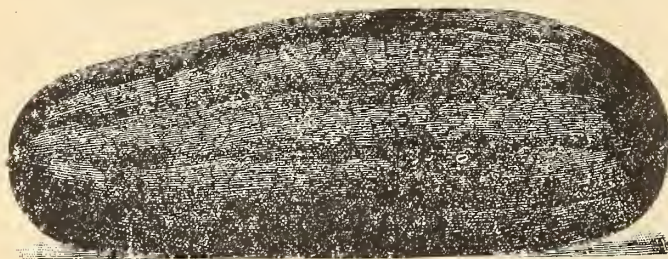




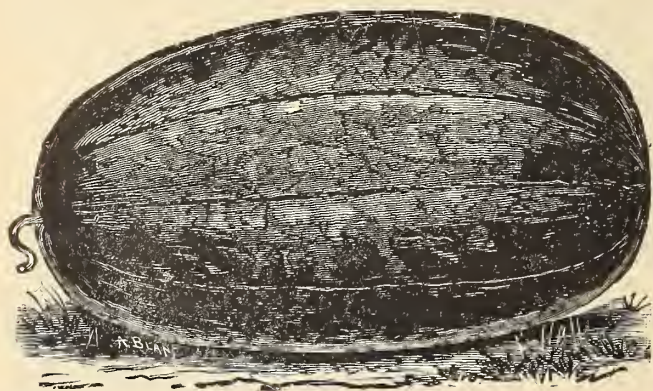
CHILIAN WATERMELON.

**BLACK DIAMOND**

Black Diamond is of a very large size, full grown specimens often weighing 90 lbs. each. It is a fine melon for shipping having thin and tough rind of black green color, very symmetrical in shape, flesh deep red, sweet and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 95c, postpaid.

**ALABAMA SWEET**

A desirable variety for shipping purposes. Of large size, beautiful form and delicious flavor. Form oblong, color dark rich green, with light green stripes, flesh bright scarlet and quality unsurpassed. A first class market melon. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**GOLDEN HONEY**

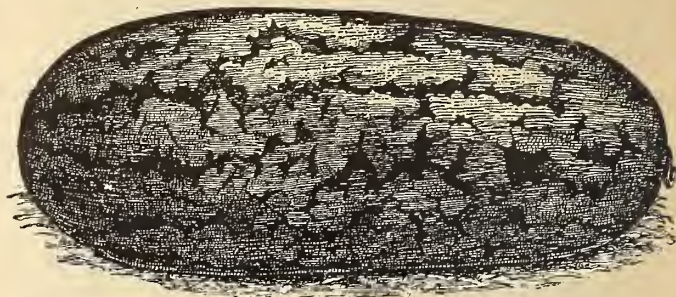
A fine variety with yellow flesh that fairly melts in the mouth, and which for its fine sugary, juicy and delicious flavor cannot be surpassed by any red fleshed melon on the market. A splendid melon in every way. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**ICE CREAM**

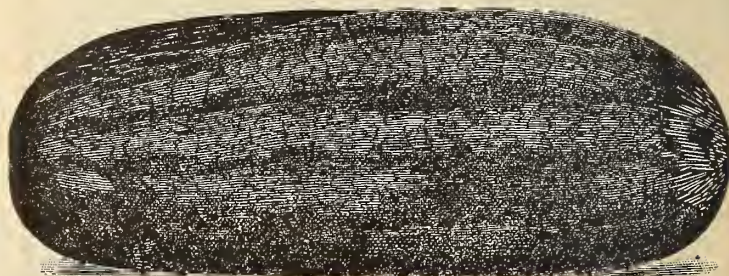
Rind thin, light, mottled green. Flesh bright scarlet. Solid to the center and sweet as honey. Being thin in the rind it is not well adapted for shipping to the markets but is an excellent melon for home consumption. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 85c, postpaid.

**WINTER WATERMELON**

Earlier than Sweetheart, and is a very prolific bearer. The flesh is red of extreme firmness, in fact almost hard, very brittle and deliciously sweet. In color it is very light green, almost white. The firmness of the flesh causes it to be the longest keeper of the watermelon family. Placed in a cool place, it will keep long into the winter and still retain its delicious sweetness and flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, postpaid.

**CUBAN QUEEN**

This is one of the largest and most productive varieties grown. Rind thin and solid, with dark and light green stripes, flesh bright scarlet, crisp and sweet. A good keeper and stands shipping well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, postpaid.

**TOM WATSON WATERMELON**

Similar in shape and size to Kleckley's Sweet, but has a tougher rind and for that reason, it is well adapted for shipping. It does well in some parts of the South. In quality, it cannot compare with Kleckley's Sweet, as it lacks the sweetness and the flesh is quite stringy. For family use and for gardeners catering to nearby market, Kleckley's Sweet is decidedly better. Pkt., 5c; 1 oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 1.00, postpaid.

## 25 Cents Worth EXTRA

in packets and ounces for every dollar remitted for seeds in packets and ounces. If you send a dollar for seeds in packets and ounces, select extra seeds in packets and ounces to the amount of 25 cents. This premium applies to nothing else but only to seeds in packets and ounces. No premium on quarter pounds, pints, quarts, pounds, bushels, etc.



## Prizetaker Onion

THE FINEST LARGE YELLOW COLORED ONION FOR  
HOME OR MARKET

**YIELDS ENORMOUSLY—EXCELLENT KEEPER**

Since the introduction of Prizetaker Onion many new varieties were placed on the American market, yet Prizetaker still stands first as the most handsome and heavily productive of all yellow globe shaped Onions. Absolutely reliable and the best Onion for home or market in the world. Prize taker is of excellent quality, of attractive appearance, always uniformly and perfectly globe shaped, of bright clear straw color and as mild in flavor as the imported Spanish Onions. No other Onion ever met with such universal favor and became popular as rapidly as Prizetaker. It is the best Onion for size, mildness of flavor, keeping qualities as well as large yield, and succeeds well everywhere, North, South, East and West. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.50, postpaid.

### YELLOW DANVERS

A good onion, both for the home garden and for market, combining reliability in ripening with large yield. It ripens more surely, as well as earlier, in moist locations than do the globe-shaped varieties. The thin-necked flattened bulbs are quite thick through, light yellow skin, fine-grained, mild, white flesh. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.10; 1 lb., \$4.00, postpaid.



PRIZETAKER.

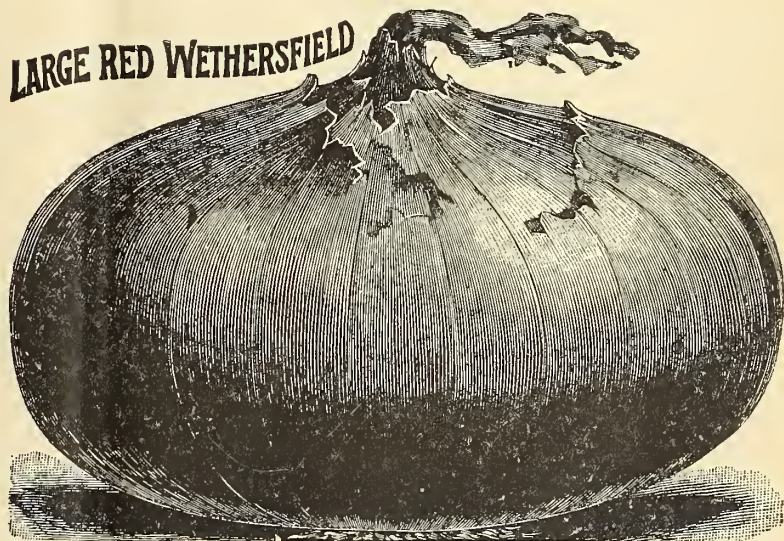
### MAMMOTH SILVER KING ONION

An exceptionally large sized Onion of mild sweet flavor, and good shape, with clear silver white skin. The individual bulbs weigh from  $2\frac{1}{2}$  to 4 pounds each. This variety is being pushed by many seedsmen as a splendid large white sort which it is, but it has a drawback in not keeping very long. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.10; 1 lb., \$4.00, postpaid.

Your seeds are always just as represented or better than that. I am using your seeds and have done so for many years, and was always well pleased with them.

J. STRAUSS,  
Sweet Home, Texas.

### LARGE RED WETHERSFIELD



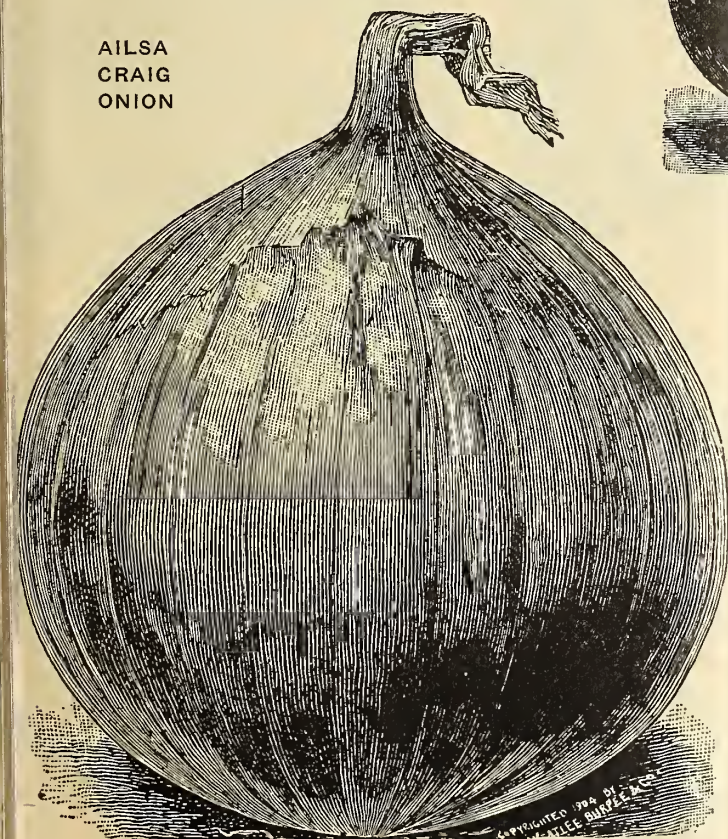
### LARGE RED WETHERSFIELD ONION

A very handsome old standard variety and one of the most popular Onions grown in this country. Especially recommended for poor and light soils where it gives better satisfaction than any other variety. In shape it comes very near the Yellow Flat Danvers but has an exceedingly fine neck and skin of fine dark red color. It is medium early, always clean and smooth, of very long keeping qualities and heavily productive. Our strain of this seed is unsurpassed, being grown by an expert from bulbs carefully selected for large size, fine shape and rich dark red color. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50, postpaid.

### AILSA CRAIG ONION

One of the largest of all Onions, rapidly gaining in popularity. The bulbs are very uniform in size, shape almost globular, with sulphur yellow skin, neck very small, the interior white, fine grained, flavor mild and sweet, and a good keeper. Ailsa Craig is in every way as large and handsome as the finest imported Spanish Onion and superior to it on account of its remarkable keeping and very heavy yielding qualities. To attain the greatest possible size this variety should be sown early in the spring in a hot bed and transplanted later in the open. Ailsa Craig is a variety of English origin, and our seed is grown from the original English prize winning stock. Anyone wanting an extra large fine looking Onion, especially for exhibition purposes, should plant Ailsa Craig. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75, postpaid.

AILSA  
CRAIG  
ONION

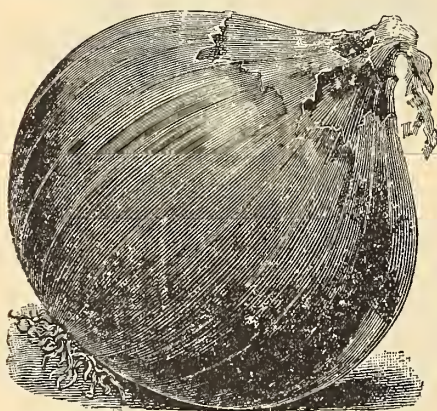






**SOUTHPORT WHITE GLOBE  
ONION**

This is the most beautiful of all Onions and its popularity is constantly growing. It forms large bulbs 8 to 9 inches in circumference, and has the same fine qualities as the other two Southport Globe Onions, namely, it is of perfect globe shape, very solid, of long keeping qualities, of delicate flavor, small neck and very early ripening. In addition to all these good qualities it is of the most attractive appearance, so that it always brings top notch prices in all markets. The price of seed of this variety is and has always been higher, but you will not regret paying it after you see the fine Onions you raise from this seed. We sell hundreds of pounds of this seed, and customers write us that if they had to pay double the price we ask for our stock they would willingly pay it. This means that the seed is of the highest quality that skill and scientific knowledge of seed raising can produce, and well worth the price. Pkt., 10c; oz., 50c; ¼ lb., \$1.40; 1 lb., \$4.50, postpaid.



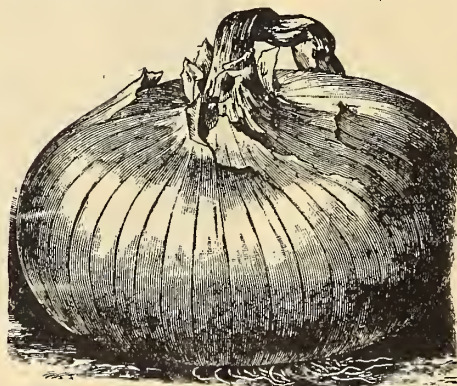
**YELLOW GLOBE DANVERS  
ONION**

One of the most popular Onions grown. A favorite variety in the East where immense crops are grown annually for shipping. Quite early, globular in shape, entirely free from thick necks. Our selected stock of seed is the product of years of careful selection and it is the most perfect type of the Yellow Globe Danvers Onion which intelligence and painstaking care can produce. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$4.00, postpaid.



**SOUTHPORT YELLOW GLOBE  
ONION**

Southport Yellow Globe Onion is very handsome and the most satisfactory variety to raise for market or family use. Perfectly round, solid, fine grained, of mild flavor, with deep golden yellow skin. Extra good keeper and a ready seller in all markets, especially so in the East. The seed we offer is raised in the East by a grower of long years of experience who specially selects this seed from large perfectly shaped, well colored and solid bulbs, well cured and ripened, carefully avoiding all thick necked ones. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$3.75, postpaid.



**WHITE PORTUGAL ONION**

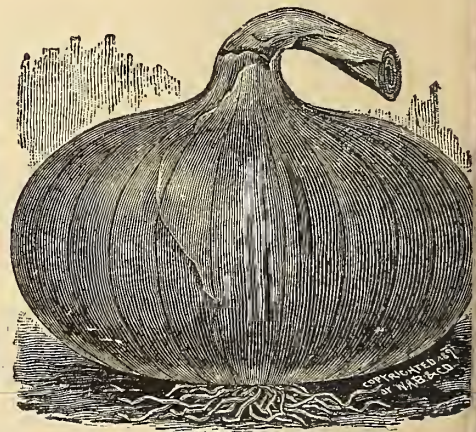
Also called Philadelphia Silver Skin. The best white flat Onion, of extremely handsome appearance, always of beautiful silvery white. It never turns green like some white Onions of Italian origin. It is an exceptionally good keeper and seller, and, therefore widely popular with all market gardeners who know this variety. For either slicing, boiling, pickling, early bunching, sets, or green Onions, the White Portugal is the best on the market, and truly a magnificent sort. Pkt., 10c; oz., 50c; ¼ lb., \$1.40; 1 lb., \$4.50, postpaid.

Topeka, Kas.  
I received my seed all right and found them in good condition and was very much pleased with them. I do not believe I ever saw a cleaner lot of seeds in my whole life. Thanking you, I remain yours,  
M. G. BOLIN.



**SOUTHPORT RED GLOBE ONION**

Of perfect globe shape, of very large size, averaging 9 to 10 inches in circumference, solid and heavy, the flesh being white, close grained and mild in flavor and the skin is extra rich dark red. It is a very heavy yielder, averaging under high culture from 600 to 1,000 bushels per acre. Our strain of this seed is the acme of perfection and is absolutely unsurpassed in perfect shape, richness of color, earliness, productiveness and long keeping qualities. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$3.75, postpaid.



**EXTRA EARLY PEARL ONION**

A beautiful white Onion and earliest of all Onions, with the exception of Bermuda Onions, which varieties are a few days earlier than Extra Early Pearl. They are of the same fine mild flavor as the Bermuda varieties, gaining in popularity in many parts of the South. It does best when transplanted. Transplanting increases the yield very considerably. Pkt., 10c; oz., 50c; ¼ lb., \$1.40; 1 lb., \$4.50, postpaid.

**RED CREOLE ONION**

A large, flat, strong flavored, long keeping Onion, largely planted in Texas and Louisiana for the Northern markets. The seed we offer is genuine Louisiana grown and can be relied upon to produce good bulbs. Pkt., 10c; oz., 45c; ¼ lb., \$1.75; 1 lb., \$6.50, postpaid.

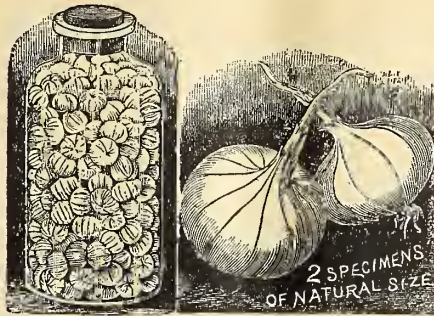
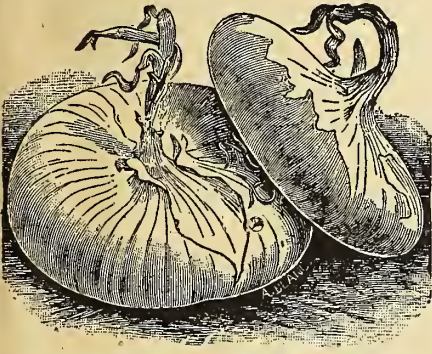


**RED BERMUDA ONION**

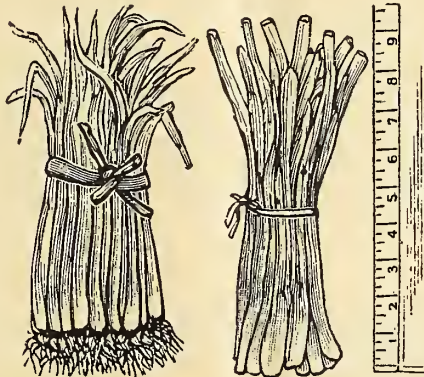
Of same qualities as the White, namely, it is very early and very mild in flavor, and sells mostly in the home markets of the South. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.25, postpaid. Write for prices in large quantities.

**CRYSTAL WHITE WAX ONION**

Pure white, large sized flat Onion. Genuine Teneriffe grown seed. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.40; 1 lb., \$5.00, postpaid. Write for prices in large quantities.

**WHITE BARLETTA ONION**

When matured the tops die, leaving beautiful waxy white little bulbs of mild flavor. A general favorite for pickling, also good for bunch Onions. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50, postpaid.

**WHITE BERMUDA ONION**

Genuine Teneriffe grown seed. The so-called White Bermuda Onion has a light straw colored skin, is also called Yellow Wax Bermuda. We have seeds grown by Senor F. C. Varela, Messrs. Wildpret Brothers and Mr. T. M. Reid, of Canary Islands. Can deliver in original tin-lined cases. The main supply of seed arrives in this country toward the end of August. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.25, postpaid. Write for prices in large quantities.

**Onion Sets**

Clean, dry, sound stock. Top sets at 30 pounds per bu., the others 32 pounds. Price by pint and quart includes postage, deduct 10c per quart if they are to go not prepaid. Onion set prices are subject to market change. Write for prices on quantity lots.



	Pt.	Qt.
WHITE ONION SETS .....	\$0.20	\$0.35
RED ONION SETS .....	.20	.30
YELLOW SETS .....	.20	.35
RED SPRING TOP SETS...	.25	.45
SHALLOTS .....	.25	.45
WHITE MULTIPLIERS ....	.25	.45
WHITE POTATO .....	.25	.45

8/33/17

We were pleased with all the seed we had, will give you our order for next year.

MRS. SELMA F. STEIDEL,  
St. Joseph, Mo.

**WHITE WELSH ONION**

A very valuable variety for Green or Bunch Onions. It does not form bulbs and is grown exclusively for Young or Green onions. It is a perennial, absolutely hardy without any protection whatsoever and can be propagated by seed or divisions. We sell great quantities of the Onion every year, and the reports are that it is the best paying Bunch Onion on earth. A boon to market gardeners. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.50, postpaid.

**Perfection Parsley**

**Of Bright Dark Green Color—A Splendid Variety**

The finest and most beautiful intense dark green Parsley in existence. Entirely distinct from all other forms of curly Parsley. The plant is very fine curly and twisted, short jointed and very dwarf, making it a highly desirable variety for growing under glass. Try this variety. It will surely please you. It is the handsomest Parsley for decorative purposes and garnishing, and for flavoring it is unusually rich and aromatic. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, postpaid.

**CHAMPION MOSS CURLLED PARSLEY**

Of quick and robust growth, very hardy, with leaves of dark green color finely curled. The segments touch one another and give the leaf the appearance of a piece of very dense moss. The stalks are extremely short so that the leaves almost lie upon the ground, forming a very low, thick tuft. In every way an extra good variety, fine for home or market. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25, postpaid.

**PLAIN LEAVED PARSLEY**

Leaves flat, deeply cut, but not curled. Very hardy, rich and aromatic, of fine green color. Used for flavoring exclusively. For garnishing the curled sorts are better. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c, postpaid.

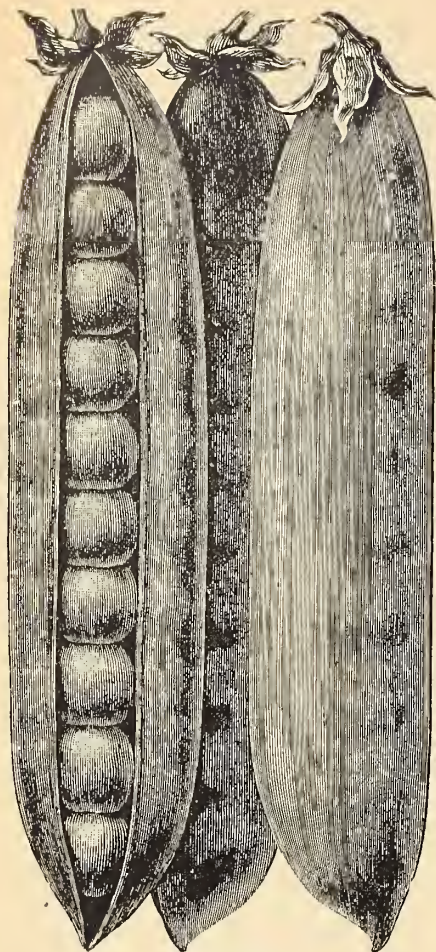
**MORAVIAN ROOTED PARSLEY**

Forms very large and very handsome thick roots which are very smooth with no side roots. The roots are straight, perfectly formed and nearly white. Of very attractive appearance. Those who grow rooted Parsley should try this variety. It is the best rooted Parsley in cultivation. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, postpaid.

**HAMBURG ROOTED PARSLEY**

The root resembles a miniature parsnip. This variety is very early and fine flavored. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.





GRADUS.

## Gradus Pea

**MOST TENDER AND SWEET MARROW PEA GROWN**

**AN ABUNDANT CROPPER**

Gradus, also called Prosperity, is a Pea of the highest quality, unsurpassed in productiveness and large size of pods. The vines grow about 30 inches high and are laden from top to bottom with pods 4 to 4½ inches long, packed with 8 to 11 large, luscious Peas of exquisite quality and flavor. The peas remain tender and sweet for some time after they are large enough to use and retain their attractiveness and fine color after being cooked. Gradus can be grown without supports, but does much better if brushed. Of all the extra early Peas Gradus is the most valuable, for it cannot be surpassed in productiveness, quality and large size of both pods and peas. Pkt., 10c; pt., 35c; qt., 65c, postpaid. Pk., \$4.00, not prepaid.

### POTLACH OR BIG DINNER PEA

This variety was introduced a few years ago, and at once created a sensation wherever tried, and the demand for this Pea is steadily increasing. The vines are vigorous and strong, of even growth, 20 to 24 inches in length, with luxuriant dark green foliage, bearing pods of rich green color which average 4 inches in length and are filled almost to bursting with 9 to 11 luscious sugary Peas of finest flavor and best quality. The pods are quite broad, pointed at the ends and usually borne in pairs. No other variety will produce more pods, and no pods could shell out better. In season it is quite early, pods being fit for table use in about sixty days after planting. The Potlatch is a variety of great merit. Pkt., 10c; pt., 35c; qt., 60c, postpaid. Pk., \$3.50, not prepaid.

### THOMAS LAXTON PEA

Similar to Gradus with fully as large, if not larger pods, with vines of dark green color of vigorous, robust growth, about 3 feet high, heavy stemmed, yielding an abundance of pods. Hardier than Gradus and can be sown nearly as early as the extra early smooth seeded sorts. Pronounced by experts even sweeter and of finer flavor than Gradus. Pkt., 10c; pt., 35c; qt., 65c, postpaid. Pk., \$4.00, not prepaid.

## Improved Telephone Pea

This is one of the best of garden Peas. What we offer is an improved strain of the old standard Telephone with pods simply immense in size, filled with 8 to 10 large Peas of very high quality. The pods are dark green in color, and are borne abundantly on a vine 4 feet high. Improve Telephone can be raised without support, but does much better if supported either by trellis or brush. Medium early in season, of very long bearing period, and it is the finest Pea of the highest quality for the home garden. Pkt., 10c; pt., 35c; qt., 65c, postpaid. Pk., \$3.50, not prepaid.

## Quite Content Pea

A giant among garden Peas. The vines grow 5 to 6 feet high, are loaded with pods of gigantic size, measuring from 5 to 6 inches in length, packed with 9 to 11 very large blue green Peas that have the true rich marrow flavor, tenderness and quality not found in other Peas. Absolutely superior to either the well known Alderman or Boston Unrivalled. Of very long bearing period. Medium early in season. On account of its truly gigantic size it is the best variety for exhibition. Pkt., 10c; pt., 40c; qt., 70c, postpaid. Pk., \$4.00, not prepaid.

## Other Varieties

	Pkt.	Pt.	Qt.	Pk.
AMERICAN WONDER—Extra early Pea of superb quality..	\$0.10	\$0.30	\$0.50	\$2.75
FIRST AND BEST—Early and productive.....	.10	.30	.50	2.75
DWARF TELEPHONE—Early, large pods.....	.10	.30	.55	3.25
WHITE MARROWFAT—Tall late Pea.....	.10	.30	.50	3.25
MAMMOTH MELTING SUGAR PEA .....	.10	.35	.60	



IMPROVED TELEPHONE.

The seeds I got from you last year all did well, and proved true to name. I wished you could have seen my pole Bean patch Kentucky Wonder and Golden Cluster, it was immense. Thanking you for all favors, I am yours very truly,

L. R. BAKER.

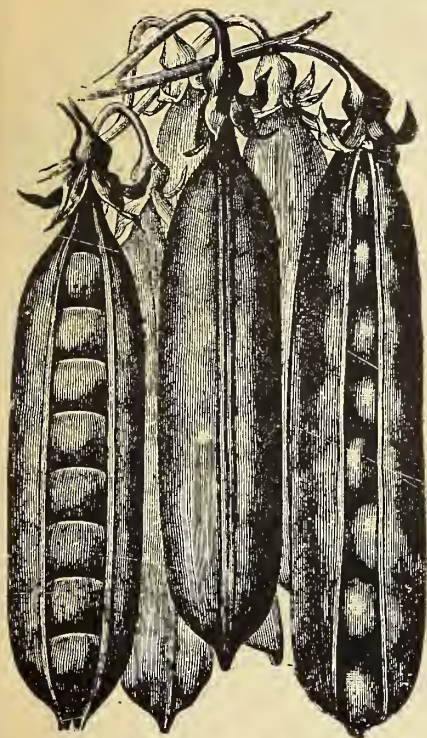
Joplin, Missouri.



# De Giorgi's Model Pea

**BIGGEST YIELDER OF ALL DWARF EARLY PEAS**

**LARGE PODS—VERY HARDY**



DE GIORGI'S MODEL.

This Pea outranks all other extra early dwarf wrinkled sorts in productiveness, hardness, large size of pods and quality. The pods are as large as those of Gradus and square at the ends. The peas are as deliciously sweet as the famous Gradus and they are ready for use as early as any of the extra early sorts. De Giorgi's Model is hardier than Gradus, permitting early planting and in productiveness surpasses any other dwarf extra early wrinkled Pea, producing fully 25 per cent larger crop than any similar strain. The vines grow 18 inches high, the pods are of bright green color, and only 2 days later than the popular Nott's Excelsior. This Pea has been thoroughly tested, and our tests show that it is decidedly superior to Nott's Excelsior, American Wonder or any other dwarf extra early Pea on the market. Pkt., 10c; pt., 40c; qt., 70c, postpaid. Pk., \$4.35, not prepaid.

## Laxtonian Pea

**LARGEST PODS—QUALITY SUPERB—VERY EARLY**

Laxtonian Pea is absolutely the finest and most valuable of all dwarf growing Peas and is as near perfection as any Pea can be. The vines are of sturdy, vigorous and healthy growth, with deep green leaves, grow only 16 to 18 inches high, require no supports of any kind, bear in prodigal abundance from top to bottom of vines, large dark green plump pods which contain 8 to 10 delicious peas of double the size of any other extra early Pea. Laxtonian has pods as large and the peas are of such high and superlative quality that they fully equal the best main crop Marrowfat variety. Hardy and very early, being two days later than Nott's Excelsior. Pkt., 10c; pt., 40c; qt., 70c, postpaid. Pk., \$4.25, not prepaid.

### NOTT'S EXCELSIOR

This is a very hardy and early dwarf growing Pea that can be planted as early as the smooth varieties, heavily productive, with pods of large size about 3½ inches long, and well filled with 6 to 8 large peas of delicious, true rich marrow flavor. The vines grow about 15 inches high, needing no support. Nott's Excelsior is the most easily raised very early Pea of the highest quality, and one of the best for home or market. Pkt., 10c; pt., 35c; qt., 60c, postpaid. Pk., \$3.00, not prepaid.

### SUTTON'S EXCELSIOR

This Pea outranks many other extra early dwarf wrinkled sorts in productiveness, hardness, large size of pods, and quality. The pods are larger than the ordinary dwarf Peas, and square at the ends, with all the delicious sweetness of the famous Gradus. Sutton's Excelsior is fully as early as any of the extra early sorts, being ready for table in forty to forty-five days from planting. The vines grow 18 inches high and can be planted very closely. Careful comparisons with American Wonder or Nott's Excelsior, show Sutton's Excelsior to be a decided improvement in every way. Pkt., 10c; pt., 30c; qt., 55c; postpaid. Pk., \$3.25, not prepaid.

## Little Marvel Pea

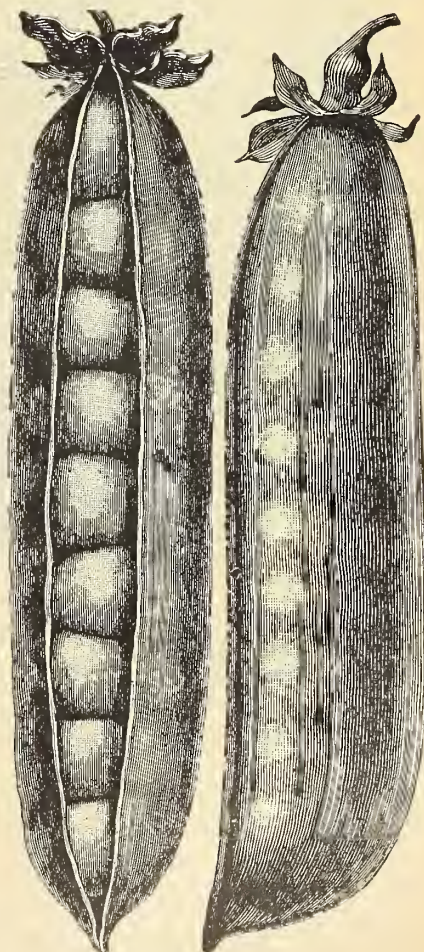
**MOST HANDSOME DARK GREEN PODS**

**A MARVEL OF PRODUCTIVENESS**

Little Marvel will displace the American Wonder as well as Nott's Excelsior variety, and we predict that it will be at the head of all extra early dwarf wrinkled sorts for years to come. It is a great improvement over Nott's Excelsior and American Wonder, having larger pods which contain usually two more Peas to the pod. The pods are of deep green color, a feature of great importance, filled almost to bursting with luscious, sugary, large and better peas, frequently borne in pairs. The vines are of uniformly even growth, averaging 15 inches in height, the pods average 2½ inches in length and are square at the ends, remaining in prime condition for a week longer than those of either American Wonder or Nott's Excelsior. The finest dwarf growing Pea for market and home garden. Pkt., 10c; pt., 35c; qt., 65c, postpaid. Pk., \$3.75, not prepaid.

## Alaska

Nearly identical with First Of All. Seed round, not wrinkled, of bluish green color. Absolutely unsurpassed in earliness. Pods are 2½ to 3 inches long, filled with medium sized, beautiful bright green Peas. A first-class shipper. Our Alaska Pea is early, has long pods, and is as pure as skill and patience can make it. You can buy Alaska Peas for a lower price than we ask, but in the end you will find that it does not pay to buy the low-price seed. Pkt., 10c; pt., 30c; qt., 55c, postpaid. Pk., \$3.00, not prepaid.

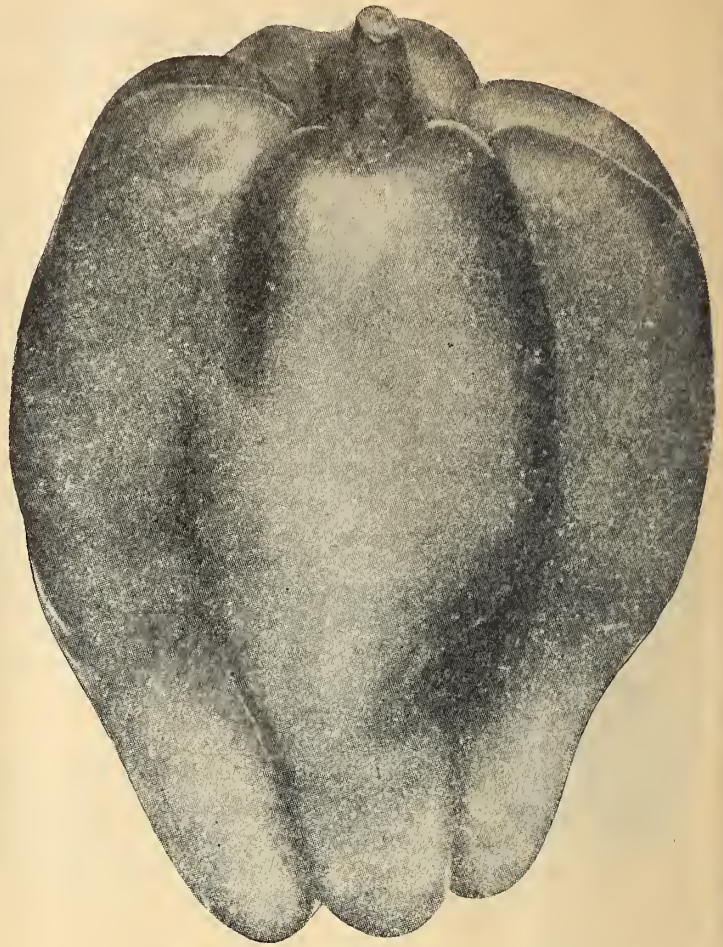
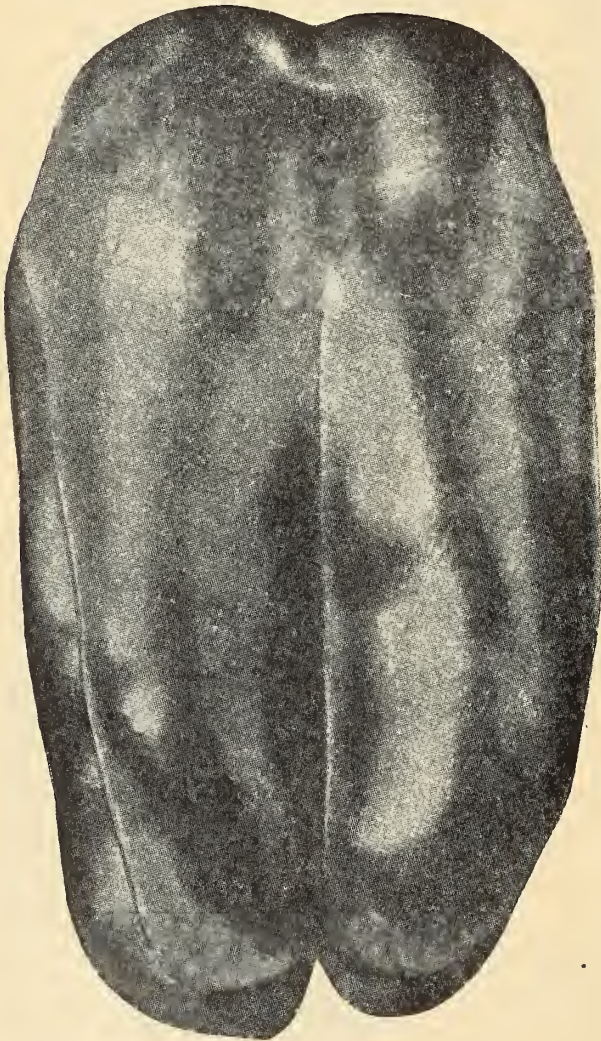


LITTLE MARVEL.



# Anaheim Chili Pepper

Originated in California where immense quantities of it are grown, superseding the extremely pungent Mexican Chili. The pods are very meaty, but slightly pungent, averaging 6 inches in length, and are preferred by the canners and all that have use for this kind of Pepper. The average production of green Chili per acre is ten tons, valued at \$20.00 per ton, or one ton or dried Chili, seldom selling for less than 10 cents per pound. The seed we offer is very choice. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00; 1 lb., \$7.50, postpaid.



## Pepper

### EARLY GIANT NEAPOLITAN

A valuable new variety ripening two weeks earlier than Ruby King and with fruits fully as large. A very heavy producer. Fruits at first are of a light waxy green color, later turning to red. With the exception that the fruits are much larger, they resemble those of the Early Neapolitan in every respect. Early Giant Neapolitan is the earliest large pepper of today. Pkt., 10c;  $\frac{1}{2}$  oz., 60c; 1 oz., \$1.10; 2 oz., \$2.10;  $\frac{1}{4}$  lb., \$4.00; 1 lb., \$14.00.

## New Pepper Goliath

### HEAVILY PRODUCTIVE—EARLY FRUITS—VERY LARGE

Fruits of mammoth size, averaging 5 inches in length and  $3\frac{1}{2}$  inches in width at both ends. Fully as early as Ruby King and very productive, some plants producing as high as twenty-two marketable peppers. The fruit is green at first and later turns to a beautiful shade of scarlet. Flesh is thick and sweet and keeps in prime condition for a long time. We are convinced that this new pepper will prove a favorite with all growers. Pkt., 10c;  $\frac{1}{2}$  oz., 60c; 1 oz., \$1.10;  $\frac{1}{4}$  lb., \$4.00; 1 lb., \$14.00.

## Pepper

### TEXAS SHIPPER OR SWEET ITALIAN

Very early, heavily productive, with strong growing plants 2 feet high and eighteen inches across, completely laden with large, smooth, heart-shaped and handsome fruits which carry exceptionally well. Bears continuously until frost. Fruits green at first and red when matured. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 70c;  $\frac{1}{4}$  lb., \$2.15; 1 lb., \$8.00.



# Giant Crimson Pepper

**VERY EARLY AND LARGE**

**MILD AND SWEET**

**The Best Early Pepper in Existence**

The earliest maturing of the extremely large red sweet peppers and surpassed by none in evenness of size and shape. The plant is large and grows higher than that of Chinese Giant and more productive. The fruits are very large, comparatively very early, with thick flesh of mild flavor, shining green when the fruit is young and deep crimson when matured. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$13.00, postpaid.

## DEVIL'S EYE PEPPER

This is an early distinct and most valuable new variety. It originated in Hungary, where peppers are extensively grown. It is the most thick meated of all peppers and the best variety for mangoes and salads. The fruits are nearly all meat, the seed cavity being very small. Another good feature about this new pepper is its smoothness. This keeps the fruits remarkably free from dust and dirt of any kind. The fruits measure 5 inches in length and 3½ inches in diameter, are a glossy green color when young and of deep scarlet when ripe, and are of the mildest and most delicious flavor. Pkt., 10c; oz., \$1.00.

## LARGE EARLY NEAPOLITAN PEPPER

This is the most productive of all large mild red peppers, and at the same time two weeks earlier than Bull Nose. Single plants carry from 40 to 50 fine marketable fruits, which are very sweet, mild and thick meated, carry well and keep in prime condition for a very long time. The shape and size enable it to be packed to show up to better advantage in six and eight basket carriers than any other variety heretofore produced. Color bright green, changing to brilliant red when ripe. Large Early Neapolitan stands pre-eminent both for market and home garden. Pkt., 10c; oz., 75c; ¼ lb., \$2.50; 1 lb., \$9.50, postpaid.

## RUBY KING PEPPER

A large and handsome variety. When ripe they are of beautiful ruby red and are always remarkably mild and pleasant to the taste. Quite popular with market gardeners. Pkt., 10c; oz., 75c; ¼ lb., \$2.75; 1 lb., \$10.50, postpaid.

## TOBASCO PEPPER

This is the hottest of all Peppers, extensively used in making the well known tobasco sauce. Pkt., 10c; oz., 60c, postpaid.

## OTHER GOOD VARIETIES

	Pkt.	Oz.	¼ lb.
<b>SWEET MOUNTAIN</b> —Large and sweet.....	\$0.10	\$0.75	\$2.75
<b>BULL NOSE</b> —Thick fleshed and mild.....	.10	.75	2.75
<b>LONG RED CAYENNE</b> —True, very hot.....	.10	.50	1.90
<b>CHINESE GIANT</b> —Very large and sweet.....	.10	1.00	3.75

DEVIL'S EYE PEPPER.

## Pepper

### MAGNUM DULCE

The "Salad King" of American grown sweet peppers; the largest in size, and so mild, that the sweet and piquant fruit may be eaten raw like an apple. Fried like an egg plant, it is a delicious dish. Magnum Dulce can be grown to tremendous size, 7 inches long by 4 inches through; but to get the largest yield, instead of the largest peppers, pinch off the "king flowers," the first ones to open, which produce the largest peppers. By the practice of pinching off the king flowers you increase the yield of medium size fruits. Our seed is most carefully grown and selected every year. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.75; 1 lb., \$10.50.

## Red Chili Pepper

Produces red peppers of conical form about 2 inches long, very hot and generally used for seasoning and pepper sauce. Pkt., 10c; oz., 60c; ¼ lb., \$1.75; 1 lb., \$7.50.

## Premium Parsnip

New. Decidedly much better sort than the old Hollow Crown, with very thick, smooth and nicely formed roots which are less than two thirds as long as those of the old variety of Hollow Crown. At the same time it yields heavier. This is a very valuable new sort, especially for stiff, clayey soils for it is very easily pulled. Sure to please. Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.

### HOLLOW CROWN PARSNIP

Also called Long Smooth Parsnip. The most popular variety, especially well adapted for deep, black soils. Our seed of this variety is very fine, being grown from extra selected large smooth and perfect roots. Pkt., 5c; oz., 20c; ¼ lb., 60c, postpaid. 1 lb., \$2.00.

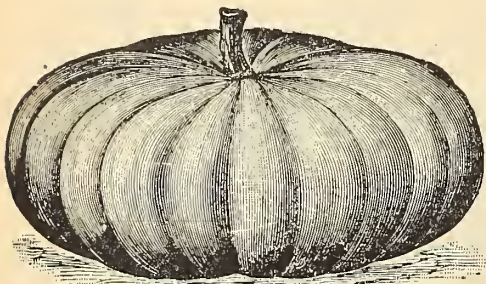
### IMPROVED GUERNSEY PARSNIP

A very desirable variety with roots somewhat thicker than those of Long Smooth Parsnip, and a very heavy yielder. Roots well formed, smooth, of very good quality. Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.



# King of Mammoth Pumpkin

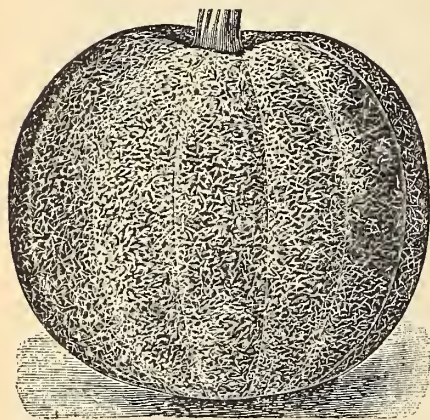
Also called Jumbo, Mammoth Prize, or Mammoth Potiron. A really enormous variety and a prize winner everywhere. On good ground and under high cultivation this pumpkin frequently grows to an immense size, weighing 150 to 250 lbs. each. Notwithstanding its enormous size it is one of the best pie pumpkins, having very thick, sweet flesh which cooks quite dry and tender. We are receiving letters every year from our customers saying that they grow pumpkins over 200 lbs. in weight and received first prize at the exhibition. To grow pumpkins of the largest size it is advisable to leave only one plant to a hill, leave only one fruit to a plant, and give the pumpkin plenty of room. This done our seed will produce pumpkins that will certainly pull off the prize. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75, postpaid.



LARGE CHEESE PUMPKIN.

## LARGE CHEESE PUMPKIN

A very productive and most satisfactory pumpkin for canning, also as a table pumpkin or for feeding. Of large size, shaped flat like a cheese box, of buff color, flesh clear yellow, thick and sweet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25, postpaid.



PUMPKIN LUXURY.

## WINTER QUEEN OR LUXURY PUMPKIN

The finest quality pie pumpkin in existence. Heavily productive, sure cropper and excellent keeper. The individual pumpkins weigh about 5 lbs. each. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

## SWEET POTATO PUMPKIN

This pumpkin when cooked tastes very much like a sweet potato. Flesh deep golden and tender. Pkt., 5c; oz., 10c; 1 lb., \$1.10, postpaid.

## CONNECTICUT FIELD

Extensively grown for stock feeding among the corn. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

## CASHAW PUMPKIN

One of the most popular varieties. Also known as the Crookneck Pumpkin. The light pumpkin is light green in color and about 2 feet long, very meaty, and heavy. The flesh is yellow and remarkably granular and solid and of a very pleasing flavor when cooked. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.



## VICTORIA RHUBARB

A good market variety with thick red stalks. Quality excellent, unusually juicy, rich and spicy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

## DELICIOUS RHUBARB

A new variety, very productive, that yields stalks which are red inside and out. The flesh is salmon red when cooked and makes a highly appetizing dish. The stalks of this variety sell more readily in the market than those of the other varieties, and always bring good prices. The plants yield from early spring until late autumn. Pkt., 10c, postpaid.

## RHUBARB ROOTS

We can supply these in any size, from October 1st to May 1st. Small roots, two for 25c; four for 40c, postpaid. Large roots for immediate effect, at 25c to \$1.00. Large roots are sent by express not prepaid.

I have tried seeds from many other seedsmen and found out, that your seeds are absolutely the best.

M. KULAK, Bryan, Texas.



KING OF MAMMOTHS.

## RAMPION

Both the roots and leaves make a delicious salad and are used raw. Seed very small, should be mixed with dirt in order to avoid sowing too thick. Pkt., 10c; oz., 55c.

## ROQUETTE

Similar to cress in taste with long, smooth glossy leaves which are used like mustard for salad. Sow the seed in shallow drills about 16 inches apart in early spring and for succession every few weeks thereafter. Keep well watered. Pkt., 5c; oz., 15c.



## BOHEMIAN HORSE RADISH NEW BOHEMIAN HORSE RADISH

Also called Maliner Kren. It originated near Malin, in Bohemia, where it has been cultivated for many years. Every year immense quantities of the roots are exported to all parts of Europe. The roots are very large and the flesh snow white. It matures somewhat earlier than the ordinary kind. The greatest value of this variety lies in the fact that it is very hot to the taste and at the same time agreeable and sweet. Plant the set small end down so that the top will be 2 inches under the soil. Small roots or sets ready for planting. Dozen, 25c; 50 for 75c, 100 for \$1.25, postpaid. 50 for 60c; 100 for \$1.15, not prepaid. We can supply any amount of sets. 1,000 roots.....\$10.00



# Scarlet Turnip White Tip Radish

The handsomest and most popular of all early Radishes, both for outdoor culture and sowing under glass. Of fine round shape, absolutely smooth, color bright scarlet with a distinct white tip contrasting vividly, making it very attractive and appetizing in appearance. The flesh is white, mild and crisp. It is ready for table 18 to 25 days from germination. Genuine imported French grown seed from critically selected and transplanted roots. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.

## EARLY SCARLET GLOBE RADISH

This is the finest and earliest of all round Radishes, with skin bright scarlet, pure white flesh and always tender, mild and sweet. The tops are usually small, making it well adapted for forcing under glass, while for growing in the open there is no better Radish than our strain of Early Scarlet Globe. Our seed is grown from carefully selected roots of perfect shape, color and size, and will satisfy the most critical. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.

## CRIMSON GIANT RADISH

Double the size of other round red forcing Radishes, yet never hollow or pithy. Roots round to oval in shape, very short leaved, and of vivid scarlet color, the flesh white, of finest quality, sweet and mild. The seed of this variety should be sown deeper and thinner than other smaller varieties to enable the roots to grow to full size. An extra early Radish of extra good quality, and twice the size of other round radishes. Specimens when not planted too close grow to the size of medium sized apples, and still are most tender and sweet. Try this Radish. It will be a revelation to you. Pkt., 5c; oz., 20c; ¼ lb., 60c, postpaid.

## WHITE BOX RADISH

Listed by some seedsmen as Earliest White Turnip. An exceedingly early variety, excellent for forcing under glass or for outdoor culture, of rapid growth, being ready for table in 18 to 22 days from germination. Of fine globe shape, smooth, with very small tap roots, with both skin and flesh white, very tender, mild and crisp. One of the best early Radishes. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.



SCARLET TURNIP WHITE TIP RADISH.

## FRENCH BREAKFAST RADISH

The roots are cylindrical, of deep glossy crimson color over two-thirds of the root, and pure white at the bottom, the colors blending with each other so delicately as to excite the admiration of every lover of this healthful vegetable. Exceedingly early, crisp, tender and mild. Finest imported French grown seed from transplanted roots of the highest quality. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.

## GIANT WHITE STUTTGART RADISH

This variety grows to a large size, resists the summer heat quite well, and is always brittle and mild. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.

## SCARLET GLOBE FORCING RADISH

Positively the finest strain of round scarlet radish for growing in the greenhouse or under sash. It is a very rapid grower, top extremely short, tap root small and slender. In shape it is slightly flattened which allows it to be pulled when quite small. The color is clear, vivid scarlet and holds well. Equally well suited for growing in the open. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.75, postpaid.

## NON PLUS ULTRA

Of intense bright red, globe shaped, very early, of excellent quality. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

## LONG WHITE VIENNA RADISH

This variety is also called Lady Finger. Roots long, with both skin and flesh white, very early. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

## TRIUMPH RADISH

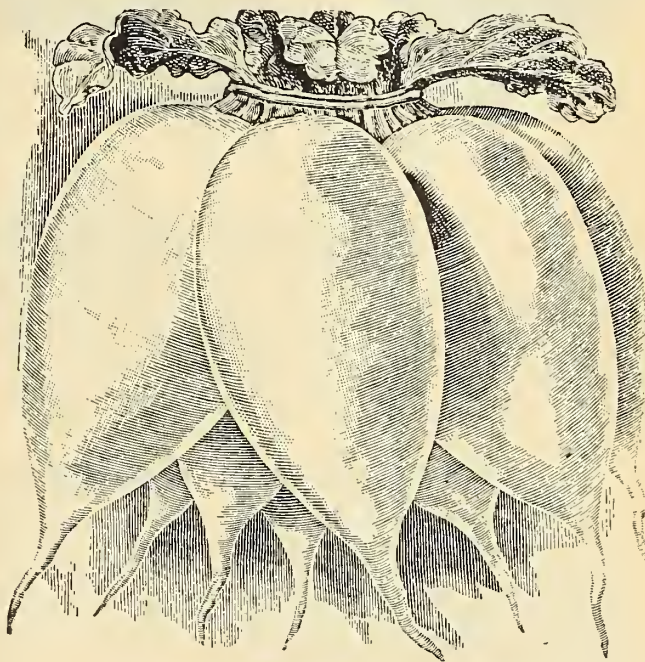
Globe shaped with skin beautifully striped and mottled, crimson and white, making it very attractive. Of quick growth with short top, quality excellent. Pkt., 5c; oz., 15c; 1 lb., \$1.50, postpaid.

## EARLY LONG SCARLET RADISH

The color of this popular Radish is very brilliant and attractive red, the flesh very crisp, mild and tender. Ready for table in about 25 days. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.

## CHARTIER

A variety of summer Radish with long, large and handsome roots, bright scarlet at the top fading to white at tip. Always brittle and tender. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.



## WHITE STRASSBURG RADISH

**A Fine Solid Summer Radish of Large Size—  
An Excellent Market Variety**

A most valuable sort, as it forms perfect roots and remains mild and sweet even in midsummer. It resembles the Icicle in shape, but its roots are larger and not as brittle as those of the Icicle. This fact is regarded by some gardeners as an advantage because the roots of the White Strassburg will not break as easily as those of the Icicle when washing. Both flesh and skin are pure snow-white. It is always very salable. Any gardener that is not growing White Strassburg is missing a good thing. Pkt., 5c; oz., 20c; ¼ lb., 55c; 1 lb., \$1.90, postpaid.

## ROSY GEM

Very popular quick growing variety of bright scarlet color with white tip. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.



## Perfection White Tip Radish

**A SPLENDID VARIETY FOR OUTDOOR PLANTING—MELTINGLY TENDER AND SWEET**

Perfection White Tip Radish is of a very attractive appearance, half of the root being of a sparkling scarlet, and the lower half being pure snow-white. It is perfectly round and smooth, and very uniform in size. The quality is excellent, mild, crisp, tender, and never pithy. Market gardeners will find this variety a great money maker. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 95c; 1 lb., \$3.25, postpaid.



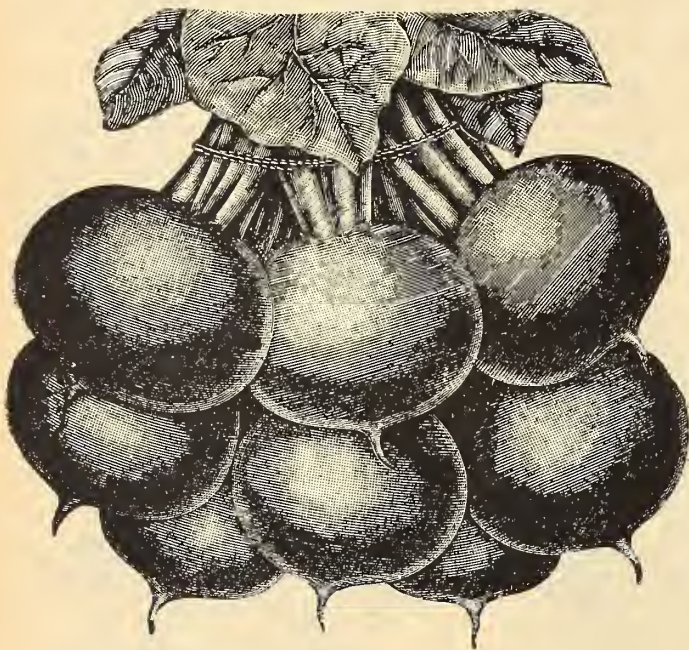
PERFECTION RADISH.

### RADISH—WOOD'S EARLY FRAME

A fine early radish, popular with truckers. It is shorter and thicker than Long Scarlet, has small top, making it well adapted for forcing, is crisp, tender and fine flavored. A trifle earlier than Early Long Scarlet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.

## Icicle Radish

This is the finest of all pure white long Radishes. Very early, being ready in 25 days from germination. The roots are long, plump, absolutely smooth and of very attractive appearance, the flesh pure white, brittle and very mild flavored. Our strain of this Radish has very short and small tops so that it can be planted quite closely. Icicle remains in prime condition longer than any other variety, and being of highly attractive appearance makes a first class Radish for bunching. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.



## Giant Butter Radish

This is by far the largest of the early turnip forcing radishes, exceeding in size even the Crimson Giant or Wurzburger. By careful selection, Giant Butter has been bred true to type so that there is almost no deviation from its fine round shape. In color it is vivid scarlet. A most desirable greenhouse or hot bed variety for forcing—the tops are extremely short and the tap root is small. The quality is unexcelled, tender, crisp and does not become hollow or pithy. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

## Winter Radishes

Do not sow these until the latter part of June.

### WHITE MUNICH RADISH

Attains an immense size, the roots being 6 to 8 inches in length, oval shaped, with skin and flesh pure white. Very quick grower, of fine appearance, the skin being exceedingly smooth and of glistening white, flavor mild and delicious. The finest of all Winter Radishes. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.

### ROSE OR SCARLET CHINA RADISH

Large, fine shaped radish growing partly above ground. Skin bright scarlet, flesh pure white, splendid keeper, and one of the most popular winter radishes. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.

### ROUND BLACK SPANISH RADISH

Turnip shaped black skinned Radish with brittle white flesh of pungent flavor. Keeps till spring. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.

### LONG BLACK SPANISH RADISH

Of large size with coal black skin and white flesh. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.

### CALIFORNIA MAMMOTH WINTER RADISH

A comparatively new variety which is popular wherever known. The root is long and thick through, with beautiful white skin and flesh so white as to attract attention even among other white varieties. Flesh very crisp, tender and of excellent quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50, postpaid.



ICICLE RADISH.



# Salsify

## MAMMOTH SANDWICH ISLAND

This variety is larger and heavier than the old French variety of Long White Salsify. The roots are long, smooth, white in color, of uniform growth, the tops are grassy. Of excellent quality and delicate flavor, especially so after the roots are touched by frost. The roots can be left in ground over winter. Pkt., 10c; oz., 30c; ¼ lb., 95c; 1 lb., \$3.25, postpaid.

## SCORZONERA

Also called black salsify and considered by many better than white salsify. It has a flesh tap-root resembling that of salsify in size and flavor and distinguished from it by the black color of the skin. Very hardy. Pkt., 5c; oz., 25c.

## SORREL

The improved varieties of sorrel when well grown and cooked like spinach make a palatable dish. Sow in drills early in spring and thin the seedlings to 8 inches apart.

## LARGE LEAVED FRENCH SORREL

The best garden variety, much used in France, with large pale green leaves of fine quality. Pkt., 5c; oz., 25c; 1 lb., \$2.00, postpaid.

## NEW ZEALAND SPINACH

Unlike true Spinach in type and in that it thrives during hot weather in any soil, rich or poor. The tender leaves are of fine quality and may be cut throughout the summer. Plant three or four seeds in hills two feet apart each way. The seed is rather hard to germinate and should be soaked in warm water for twenty-four hours before sowing. Pkt., 5c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

We can also supply following varieties of Spinach: Prickly Winter, Bloomsdale and Victoria. Price same as quoted for Triumph Spinach.

## FORDHOOK SQUASH

A variety suitable for both summer and winter use, of high quality, with thick yellow flesh, unsurpassed either for baking like sweet potatoes or for making pies. The rind is slightly ridged, smooth, quite thin, and of yellowish color. Form of fruit oblong averaging 10 inches in length. Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

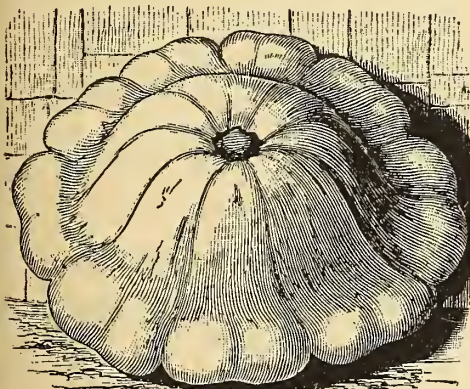


## GIANT SUMMER CROOKNECK SQUASH

Best of all summer Crookneck Squashes. It is of dwarf bush habit, heavily productive, bearing early and continues through the summer, of true crookneck type (rich golden yellow color) thickly warted. Of excellent table qualities, and one of the best for either home or market garden. Pkt., 5c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50, postpaid.

## GREEN BUSH SUMMER SQUASH

A new squash with dark green fruits instead of white. For many years efforts have been made to obtain an always green Patty Pan squash similar in shape to Early White Bush Squash. We have this squash and offer the seed for sale to our customers. Green Bush Squash is similar in growth and shape to Early White Bush, except that the fruits are dark olive green, flesh the same as in the old variety, pure white. On account of the evergreen habit of the fruit it always appears more attractive and is more salable than either white or cream-colored squash, which quickly shows its age. Try the new squash—get ahead of your neighbors and show them something different. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.85, postpaid.



MAMMOTH WHITE BUSH SQUASH.

## MAMMOTH WHITE BUSH SQUASH

A well known variety of dwarf habit and upright growth. Surface comparatively smooth. Color greenish-white while young, then changing to creamy white. One of the best and most popular sorts. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.40.



## Giant Fill Basket Spinach

### FULLY AS EARLY AS BLOOMSDALE— TWICE AS LARGE

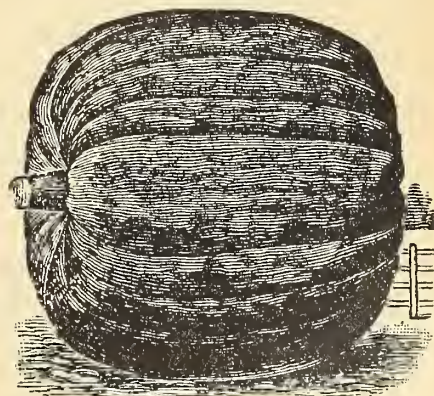
A grand new Spinach, producing plants double the size of Victoria, often measuring 25 inches across, and having a quantity of thick succulent leaves in the center resembling a half-developed head of lettuce. The leaves are of dark glossy green color, notably thick in texture, moderately crumpled. It cooks very tender, is of excellent flavor and certainly the finest variety of Spinach to date. Pkt., 5c; oz., 15c; 1 lb., \$1.50.

## TRIUMPH SPINACH

This Spinach is a very compact grower and withstands hot weather better than any other variety. In habit of growth it is prostrate instead of upright, the plant is somewhat smaller than the older sorts, the leaves are thick, warted, do not wilt or run to seed as quickly as the old varieties, and can be cut a whole month longer. Pkt., 5c; oz., 15c; 1 lb., \$1.30, postpaid.

## EARLIEST PROLIFIC SQUASH

This new variety of summer squash is ten days earlier than the Early White Bush; of similar growth and shape, except that the scallops are not so decided, the fruits being better filled out and containing more flesh. The vines are of true bush form, 2 feet high, of vigorous growth, giving the plant good yielding power. A valuable new variety. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.



## MAMMOTH CHILI SQUASH

The "Jumbo" of the Squash family. Outer color rich orange yellow, skin is quite smooth with wide fissures, flesh very thick and of a yellow color. Keeps well, is good for the table and profitable for stock. Have been known to weigh over 200 pounds. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.30, postpaid.



## Chicago Warted Hubbard Squash

This variety is also called Large Warted Hubbard. A better squash than the original Hubbard, with large fruits, thicker flesh of dark bluish green color, rough skinned, always solid and heavy. The vines are of strong luxuriant growth, giving the plant great yielding power, producing very large and heavy squashes with exceptionally thick flesh of deep golden yellow color of unsurpassed quality. An ideal variety for either home or market and storing for winter. In keeping qualities it has no superior. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.40, postpaid.



CHICAGO WARTED HUBBARD.

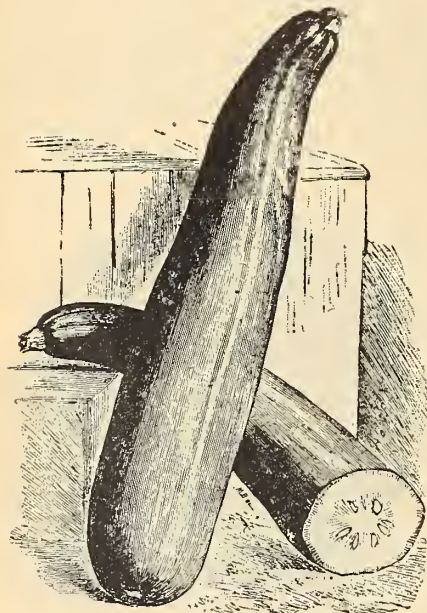
## Delicious Squash

A very early winter variety of medium size, shell moderately hard, very thin, flesh thick, fine grained and of a yellow color. It varies somewhat in color and form, usually oval-shaped, with green, smooth skin, sometimes slightly mottled. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.60.



### VEGETABLE MARROW

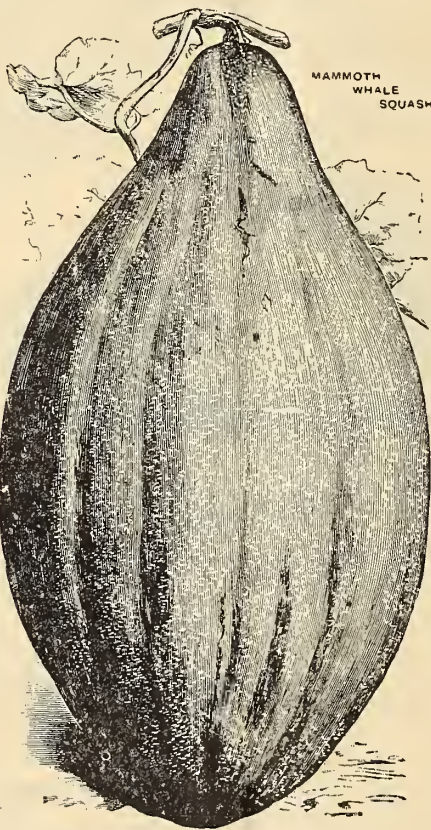
A variety of squash, producing large oblong fruit, marbled with yellow and lighter green in stripes as they mature. A most delicious vegetable. Our packages have cultural directions and recipes for cooking. Pkt., 10c; oz., 20c, postpaid.



COCOZELLA.

### COCOZELLA

Cocozella di Napoli (Italian Vegetable Marrow). Fruits large, oblong shaped, dark green at first, but as they mature become marbled with yellow and lighter green stripes. The young fruits when sliced and fried in oil constitute a vegetable delicacy superior to egg plant. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.



### MAMMOTH WHALE

It is an extra large-fruited sort, quite distinct in form and appearance. The squashes grow from 2½ feet to 3 feet in length, with a slight neck at the stem end. The large seed end is swelled to a width of 12 to 18 inches and slightly flattened, giving a most distinct appearance which suggests the name—MAMMOTH WHALE. The skin is of a dark olive green, with slight stripes of a lighter tinge. The fruits frequently attain more than 100 pounds in weight. Flesh firm and solid, of beautiful orange-yellow and excellent quality. Pkt., 5c; oz., 20c.

## Vegetable Plants

**CABBAGE**—Ready toward the end of April. Early and late varieties. Per 100, \$1.25.

**CAULIFLOWER**—Snowball. Per 100, \$1.35.

**CELERY**—Per 100, 65c.

**CELERIAC**—Per 100, 60c.

**EGG PLANT**—Ready about May 15th. Per doz., 50c; per 100, \$4.00.

**PEPPER**—Ready about May 15th. Per 100, \$1.50.

**TOMATO**—Ready about May 10th. Per 100, \$1.50.

As to varieties, we can supply the best new varieties of the above named, as well as all standard sorts. When ordering, kindly state variety you prefer.

### STRAIGHTNECK SQUASH

A Straightneck selection from the Summer Crookneck. Very prolific and a fine variety for shipping. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.

### TO OWNERS OF LIBERTY BONDS

We take Liberty Bonds in place of cash at full face value. For Example if your order amounts to \$55.00 we will take one \$50.00 Liberty Bond and the balance in cash, or if your order should amount to \$100.00 or more we will take one \$100.00 Liberty Bond and the balance in cash. In case your order should run into a larger amount we will take Liberty Bonds for any amount of seed that you will need.





## Greater Baltimore Tomato

**VERY LARGE AND HEAVY**

**IMMENSELY PRODUCTIVE**

**BETTER THAN STONE**

This new Tomato is the best red colored main crop variety of today, as well as for canning purposes. It is very meaty and fleshy, and consequently heavy. It ships better than most, if not all, of the old sorts, ripens 10 days ahead of Stone and yields much more than Stone. It resists blight and other diseases better than any other variety and is a better Tomato than up to now famous and popular Stone. All gardeners and truckers are well aware of the fact that as soon as the Stone reaches the market, the early Tomatoes like the Earliana and others, at once become back numbers. Now judge for yourself, the value of this Tomato which ripens as early as Chalk's Jewel and is of even better quality than Stone. Greater Baltimore means quicker sales and better prices, and a loss of money to those who will not plant it. The Purdue University Agricultural Experiment Station at Lafayette, Indiana, undertook Tomato investigation and published the results in Bulletin No. 165, Vol. XVI, April, 1913. Extracts from that bulletin as are follows:

"The average calculated yields for three years for eleven varieties shows 'Greater Baltimore' ranking first with a yield of 16.26 tons per acre against Stone 13.38 tons per acre.

"Considering Yield and Quality, the eleven varieties tested will rank as follows as a field crop for canning: First, 'Greater Baltimore.'

"Picking season from July 25th to October 1st, the 'Greater Baltimore' yielded nearly 22 tons per acre.

"The 'Greater Baltimore' which has been gaining in popularity with the Canning Trade during the past two years, begins bearing 12 to 16 days earlier than Stone, when both are sown and handled in a similar manner throughout the season.

"It will also be seen that 'Greater Baltimore' is as early a bearer as Chalk's Early Jewel, which is considered an early sort.

"It is largely the Earliness and the Uniformity with which the plants bear a Large Number of Large Smooth Fruit throughout the ripening season that makes the 'Greater Baltimore' superior to the Stone, which has been the Standard canning variety for many years.

"The average date of first ripening for the 'Greater Baltimore' was 120 days from the sowing of the seed in the hot beds and 65 days from the time the young plants were set in the field."

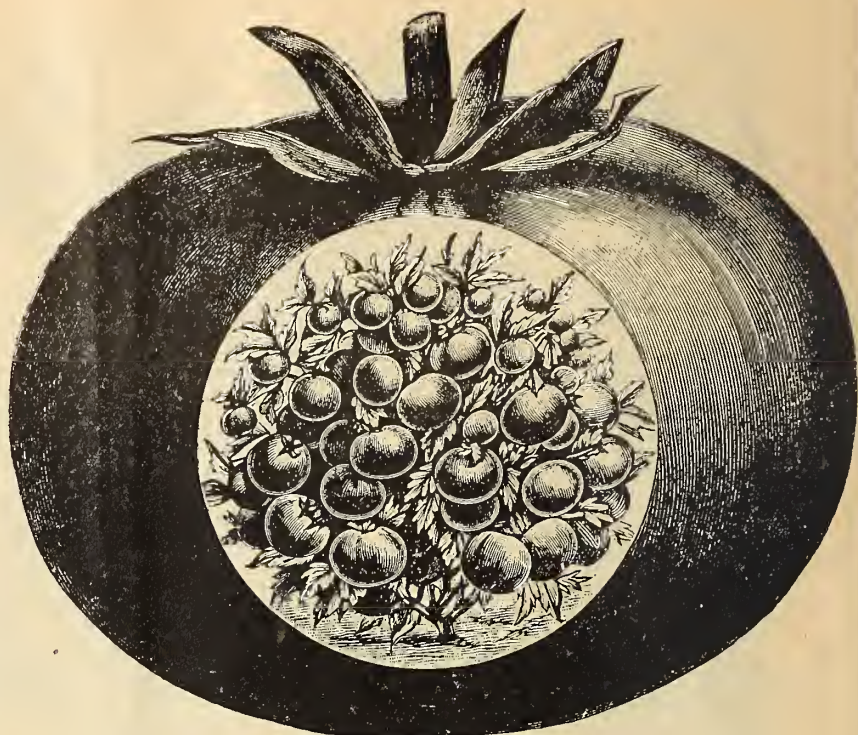
Pkt., 10c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.



# Dwarf Perfection Tomato

## MOST VALUABLE NOVELTY

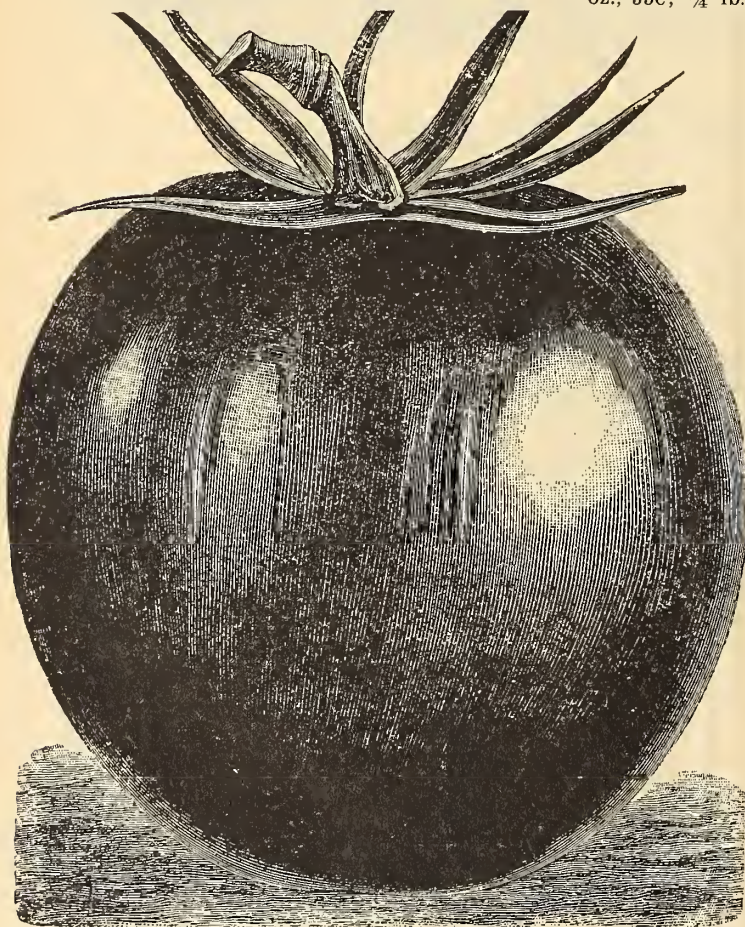
This Tomato is a real surprise and we predict that as soon as its many splendid qualities become known, it will take the place of the majority of the now popular varieties. It is better than both the Dwarf Champion or Stone, and it will certainly displace both of these varieties. The vines are dwarf, never growing taller than three feet. The vines are rapid growing with vigorous and heavy stalks standing up well until the vine is so loaded with fruit that it is pulled down. It is a distinct variety and belongs to the potato leaved class of tomatoes. The fruit is of a bright scarlet red color, absolutely smooth, nearly globe shape, very uniform in size, very meaty, and of excellent quality. It has a tough skin and ripens to the stem. Dwarf Perfection will stand shipping better than any other variety. In season, it is only a few days later than the first early sorts. It begins blooming when only six and seven inches high and sets its fruit from the first blooms. The fruit is produced in clusters of from four to five tomatoes. Our New Dwarf Perfection Tomato is the most profitable variety for market gardeners and canners, and as a shipper, it has no equal. Pkt., 10c; oz., 40c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.00.



TOMATO DWARF PERFECTION.

## EARLIANA (LANGDON'S)

We find this strain to be larger, thicker through, more meaty and of a deeper red color than other strains of Earliana. It is equally as early, exceedingly productive and holds its size well throughout the season. The seed we offer was grown in New Jersey by one of our private growers. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50.



TOMATO EARLY DETROIT.

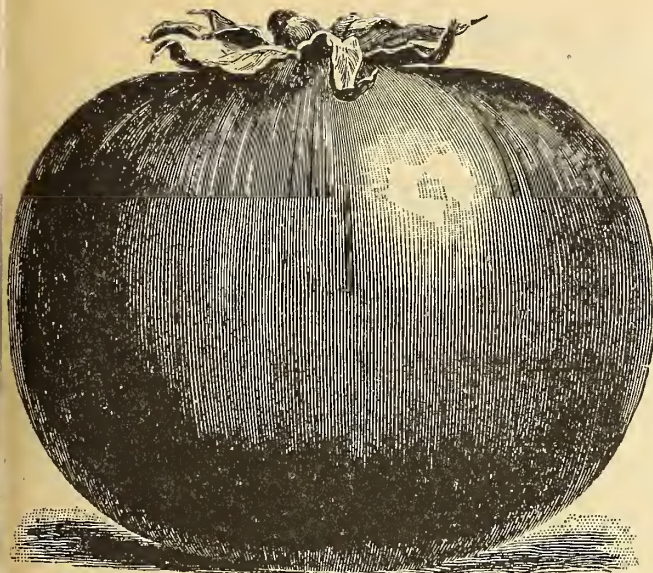
# Early Detroit Tomato

**A SPLENDID EARLY PINK TOMATO—SMOOTH  
AND PROLIFIC—FINE SHIPPER**

Early Detroit is the best early purplish pink tomato for shipping. It has met the exacting requirements of the most critical class of trade, especially of Southern growers who supply the markets of the North. Early Detroit is not only the most productive of the purplish pink tomatoes for the early market, but in uniformity and size of fruit, freedom from cracking and from tendency to blight it leads all others of its class. It continues better than any other market sort with which we are acquainted to give large smooth fruits to the end of the season. It is also a desirable tomato for the home garden.

Early Detroit is the largest and best of the early purplish pink Tomatoes yet introduced and of the same high value among large fruited pink Tomatoes as the Improved Stone among the red. It does not crack easily and stands up better after being picked than any other pink Tomato. The seed we offer is of superior quality. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.25.





BONNY BEST.

**IMPROVED NEW STONE TOMATO**

A general favorite with canners and market gardeners. Very vigorous, vines produce an abundance of round, perfectly smooth, very large, deep red fruits, thicker from stem to the blossom end than most Tomatoes. An absolutely reliable and best colored main crop variety. Our strain of this Tomato is extra selected, and far superior to the stock usually sold. Pkt., 5c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.75, postpaid.

**DWARF STONE TOMATO**

The vines of this variety are of stronger growth and more erect than those of Dwarf Champion with fruits double the size. May be set 10 by 25 inches apart and yet produce an abundant crop of fine, solid, deep red Tomatoes, free from cracks and of excellent quality. The largest fruited upright growing red colored variety in existence. Pkt., 5c; oz., 35c; ¼ lb., 90c; 1 lb., \$3.25, postpaid.

**PONDEROSA TOMATO**

This is the largest and heaviest Tomato in existence. individual fruits weighing 2 to 4 pounds, are solid, perfect in form, as meaty as beefsteak, and almost seedless; of glowing crimson color, fairly smooth. Ponderosa is considered of very good quality, especially by those who prefer a Tomato quite free from acid. The seed we offer is selected strain that produces Tomatoes smoother than usual, meaty and solid as a rock. Pkt., 10c; oz., 50c; ¼ lb., \$1.00; 1 lb., \$4.50, postpaid.

**Red Rock Tomato****THE KING OF RED TOMATOES**

**SMOOTH AS AN APPLE—HARD AS A ROCK—EARLIER AND BETTER THAN STONE**

A truly wonderful variety ripening a week earlier than the popular Improved Stone, extraordinarily solid and meaty with hardly any watery cavities, almost seedless and of most beautiful glistening red color. An extraordinary heavy producer, and an excellent shipper, surpassing the old Stone in many ways. The vines are sturdy and healthy growers, and are practically ever-bearing, yielding enormous quantities of most showy red Tomatoes of remarkable smoothness, borne in clusters of four to seven. Free from cracks, and the cavity at the stem end is the smallest of all Tomatoes. A peerless variety for slicing, baking, boiling, canning or shipping—a sure winner. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.

**JUNE PINK TOMATO**

This is an extra early purplish pink Tomato similar to the popular scarlet fruited Earliana in growth of vine, shape, size of fruits, and time of maturing. Of exceptional value to market gardeners in localities where a pink Tomato is in demand. Pkt., 5c; oz., 30c; ¼ lb., 90c; 1 lb., \$3.25, postpaid.

**Bonny Best Tomato**

**A SPLENDID FIRST EARLY RED TOMATO  
VERY HEAVILY PRODUCTIVE—LARGE AND SMOOTH**

Bonny Best is of recent introduction, but already very popular among market gardeners all over the country. They pronounce this variety as the very best early red Tomato to date. It is fully ten days earlier than Chalk's Early Jewel, and within two days as early as the famous Earliana, producing immense quantities of well-colored fruits which are a beautiful red all over, with nearly no culls. The foliage is more dense than Earliana and shades the fruit, thereby preventing sun-scald. In shape it is nearly round slightly flattened at the stem end and thicker through than most other Tomatoes in its class. Very smooth and uniform in size, unexcelled for slicing. Bonny Best has been tried by leading market growers in all parts of the country. All the reports sound alike; namely, that Bonny Best is the best first early Tomato and there is no better early Tomato grown. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.75, postpaid.

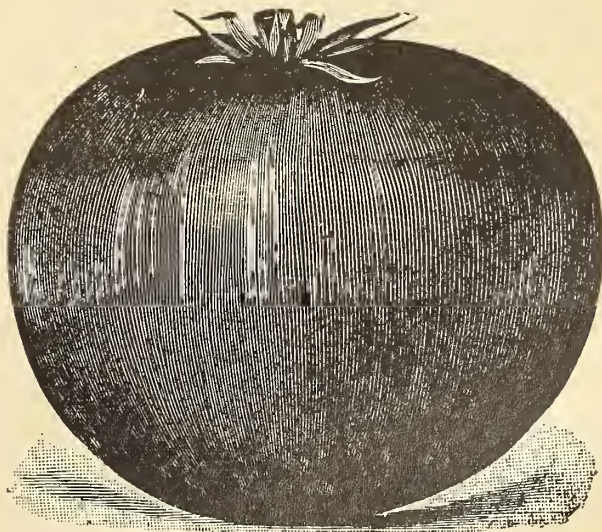
All our Tomato Seed is grown, selected and saved from the best specimens for seed. Market gardeners and canners will find our Tomato Seed of uniformly high quality.

**EARLIANA TOMATO**

One of the earliest, large smooth, bright scarlet Tomatoes. Our strain of this Tomato is a great improvement over the original variety, and is far superior to it in that the fruits are round, smooth, and ripen all over. Does not crack, is solid and meaty, with but few seeds, and is unequaled in quality, uniform in size and regular form, averaging 3 inches in diameter, and 2½ inches in depth. It is a very compact grower, and consequently can be planted one-third closer than any other sort. Pkt., 5c; oz., 30c; ¼ lb., 90c; 1 lb., \$3.25, postpaid.

**DWARF CHAMPION TOMATO**

Distinct in foliage and habit of growth, the vines being compact and upright with very thick and short-jointed stems, requiring no stakes. The fruits are large, round and smooth, of deep red color with purplish tinge. Early and heavily productive. A desirable variety where garden space is limited. Pkt., 5c; oz., 40c; ¼ lb., \$1.20; 1 lb., \$4.00, postpaid.



RED ROCK.





## Apollo Tomato

FROM TWO TO FIVE DAYS EARLIER THAN EARLIANA  
FINE SMOOTH FRUITS—LARGE AND SOLID

Decidedly the earliest of all scarlet fruited Tomatoes, ready for market from two to five days earlier than the best strain of Earliana. We have many customers planting Apollo every year, and we receive many letters from market gardeners praising this sort. They pronounce it superior to the famous Earliana, not only in earliness, but also on account of its large size, good color, delicious flavor and fine appearance. While the fruits are not absolutely smooth they are not rough, and are much smoother than Earliana. Every year we buy seed of early varieties of tomatoes, not only in this country, but also in France, Hungary and Italy. In these countries the Tomato is quite as important a crop as in America, but up to this time we failed to find an earlier scarlet color Tomato than our Apollo. There is no earlier, more productive, better flavored or smoother Tomato than Apollo. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.40; 1 lb., \$4.25, postpaid.

### GOLDEN QUEEN TOMATO

This is the best yellow Tomato. Fruits large and smooth, of beautiful golden color, sometimes slightly tinted with red, as smooth and well shaped as the best of the red varieties and of superior flavor. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.00, postpaid.

### MATCHLESS TOMATO

A popular main crop variety, with large, very smooth and symmetrical fruits, of cardinal red color, ripening well to the stem. The skin is so tough that it is a splendid keeper and shipper, and is less liable to crack than any other large Tomato. Matchless stands at the front as a large bright red main crop variety. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.75, postpaid.

### OTHER VARIETIES

	Pkt.	Oz.	Lb.
ACME—Standard bright pink Tomato.....	\$0.05	\$0.25	\$2.75
BEAUTY—Early, of purple color.....	.05	.25	2.75
COMET—For forcing, scarlet.....	.15	.50	
DUKE OF YORK—Genuine stock.....	.05	.25	2.75
ESSEX HYBRID—Large, pink.....	.05	.25	2.75
EARLY FREEDOM—Scarlet, early, very productive .....	.05	.25	2.75
FIRST OF ALL—Scarlet, early, large and sweet	.05	.25	2.75
FROGMORE SELECT—Forcing sort, almost round, bright red.....	.15	.45	
IMPERIAL—Large, early purple variety.....	.05	.25	
LIVINGSTON'S GLOBE—Nearly globe shaped..	.05	.25	2.75
PARAGON—Popular, bright red variety.....	.05	.25	2.75
PINK JUNE—Very early and good.....	.05	.25	2.75
TRUCKER'S FAVORITE—Large, purple.....	.05	.25	2.75

### SMALL FRUITED TOMATOES

GROUND CHERRY OR HUSK—Fruit yellow, enclosed in a husk.....	.05	.30	3.00
RED PEACH—Peach shaped fruits.....	.05	.30	3.00
RED PLUM—Fruits plum red of fine quality..	.05	.30	3.00
RED PEAR—Distinct pear shaped.....	.05	.30	3.00
RED CURRANT—Small fruits like those of Currant .....	.05	.30	3.00
YELLOW PEACH—Eaten raw or for preserves..	.05	.30	3.00
YELLOW PLUM—About 2 inches in diameter..	.05	.30	3.00
YELLOW PEAR—Smaller than Red Pear.....	.05	.30	3.00
YELLOW CHERRY—Cherry-like yellow fruit...	.05	.30	3.00

### TOMATO—JOHN BAER

John Baer is the earliest tomato on earth. It ripens 2 and 5 days earlier than the Earliana, is of good size, fine quality, and of a bright red color. It is an excellent variety to grow on heavy soils. This tomato, besides being the earliest to ripen, is greatly disease resistant. In the wet season, when the vines of other tomatoes suffer, John Baer pulls through almost unharmed. John Baer Tomato has been tried by gardeners all over the country and has made good. It has been proven that in earliness it stands alone. The claims about its good quality and great productiveness are absolutely true, and we are therefore recommending John Baer Tomato to all gardeners. Pkt., 15c;  $\frac{1}{2}$  oz., 35c; 1 oz., 60c;  $\frac{1}{4}$  lb., \$1.75; 1 lb., \$6.00, postpaid.

### CHALK'S EARLY JEWEL TOMATO

Heavily productive, second early variety, with large deep red fruits of excellent quality. Fine for either home or market. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.25, postpaid.

### TO OWNERS OF LIBERTY BONDS

We take Liberty Bonds in place of cash at full face value. For example if your order amounts to \$55.00 we will take one \$50.00 Liberty Bond and the balance in cash, or if your order should amount to \$100.00 or more we will take one \$100.00 Liberty Bond and the balance in cash. In case your order should run into a larger amount we will take Liberty Bonds for any amount of seed that you will need.



# Early Snowball Turnip

A highly valuable variety which ought to be better known. It is extra early, of the highest quality and extra fine appearance. When grown under favorable conditions, it will surprise all planters by its high quality. The flesh is snow-white, fine grained, and so mild that it can be eaten raw. It is as palatable and sweet as an apple. In Europe it is highly prized and has always been classed with the Early Milan varieties. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 95c; 1 lb., \$1.75, postpaid.

## EARLY WHITE MILAN TURNIP

This is the finest Turnip in cultivation. From seven to ten days earlier than any other early Turnip. Tops very small, strap leaved, upright and compact so that it can be planted close together in rows. The roots are very handsome, smooth, clear white both inside and out. The flesh is fine grained, tender, and of mild, sweet flavor, never becoming pithy or stringy. Can be pulled when only about 2 inches in diameter. If sown at monthly intervals it will furnish a continuous supply of the tenderest and most delicately flavored Turnips. On account of its notable good quality and extreme earliness it is the best Turnip for the home garden. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.

## EARLY PURPLE TOP MILAN

As early as the White Milan variety and of the same good qualities; namely, very tender, sweet and fine flavored, differing only in having bright reddish-purple top. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.

## DANISH COWHORN

Also called Danish Bortfelder. Danish Cowhorn is the best long Turnip, and has been awarded a first class certificate several times by the Danish government, the highest honor in Denmark, where turnips are as important as corn here. The roots are long, much larger and heavier than the old Cowhorn, clear white, except a little shade of green at the top of the root, of fine form never much crooked, and grow partly above the ground. The flesh is cream colored, fine grained, sweet and mild flavored, and for table use is in best condition when about 3 inches in diameter. Rapid grower and absolutely the most productive of all turnips to date. In every respect superior to the old Cowhorn, and considered in Denmark the best of all turnips. Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.25, postpaid.

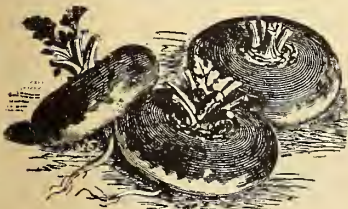
## AMBER GLOBE

This is a fine variety, one of the most delicately flavored of the yellow fleshed turnips. Tops small, roots of medium size, round and very smooth. The flesh is firm, crisp and of excellent quality. The roots are in best condition for table use when about 3 inches in diameter. Very good keeper, and heavy cropper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid.

## GOLDEN BALL

Also called Orange Jelly. An excellent table turnip of bright yellow color, ball-shaped, fine flavored and sweet. Heavily productive, and very good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid.

ALL OUR TURNIP SEED is grown for us in Denmark, and France. This means that our seed is of the highest quality, being raised out of carefully selected roots, and such seed is certain to produce fine, and shapely bulbs.



PURPLE TOP MILAN TURNIP

## PURPLE TOP WHITE GLOBE TURNIP

Of all varieties of Turnips this is the most popular. The roots are medium large, somewhat globular in shape, remarkably solid in texture, sweet and of a very good quality. The flesh is sparkling white, the surface color white with a distinct bright reddish-purple top. Very heavily productive, and a good keeper. On account of its many good qualities and attractive appearance it is the most popular and best paying variety to grow for market. Pkt., 5c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.40, postpaid.



EARLY SNOWBALL TURNIP.

## EARLY PURPLE TOP STRAP LEAVED TURNIP

A very early strap leaved variety, extensively used for the table. The leaves are few, upright in growth, the roots flat, of medium size, dark red above the ground, white below. The flesh is white, sweet and tender. The roots are in best condition for table use when about 2½ inches in diameter, but can be grown much larger for stock feeding. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.65, postpaid.

## EARLY WHITE FLAT DUTCH

This is a very early white turnip with roots of medium size, flat, white fleshed, fine grained and sweet. Especially popular in the Southern States. In best condition for table use when about 2½ inches in diameter, but can be grown much larger for stock feeding. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.

## POMERANEAN WHITE GLOBE

Large Turnip suitable for both table and feeding. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.

## WHITE NORFOLK

Large, late, solid. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.

## WHITE EGG

Early, egg-shaped Turnip, flesh white. Pkt., 5c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; 1 lb., \$1.50, postpaid.

## FOURTEEN TOP

Far more productive than the old variety, which has only seven tops. Cultivated for the tops only. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.



RUTABAGA.



## American Purple Top Rutabaga

A hardy and productive variety having but little neck. The roots are large, slightly oblong or nearly globe shaped, smooth with comparatively small tap root. Color purplish-red above ground and bright yellow beneath. Flesh yellow, of solid texture, crisp and of a very good quality. Very heavily productive, and one of the most desirable varieties for both table use and stock feeding. Excellent keeper. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.40, postpaid.

### HURST'S MONARCH RUTABAGA

Also sold as Elephant or Tankard. This is a yellow fleshed variety of oblong form with relatively small neck and top. Superior to any variety in cultivation for earliness, quality and weight, producing 2 to 7 tons more per acre than any other Swede. The large percentage of saccharine matter in the roots makes it very nutritious feed for cattle. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.40, postpaid.

### WHITE RUSSIAN RUTABAGA

An excellent keeper and very desirable for the table or for stock. Tops small, strap leaved, roots very large, globe shaped with small neck, color white with a shade of green or bronze at the top. Flesh white, very firm and sweet. Sometimes sold as Sweet Russian Turnip. Pkt., 5c; oz., 15c; ¼ lb., 55c; ½ lb., 90c; 1 lb., \$1.60, postpaid.

### MUSHROOMS

Everybody likes them, there is steady demand for them and they sell invariably for a good price. The only fault with Mushrooms is that to grow them successfully one has to have a little experience. A beginner in raising Mushrooms should at first start in on a small scale and after a thorough understanding of all details it is profitable to go more heavily into the Mushroom growing business.

### AMERICAN MADE PURE CULTURE MUSHROOM SPAWN

This Spawn is made in America from selected Mushrooms grown under cultivation. Such Spawn is fresher than the English, which must be thoroughly dried before its long shipment; the growth of American Spawn is therefore quicker and stronger than the imported. We receive monthly shipments from our manufacturer, the American Spawn Co. (Lambert), so that our Spawn is always fresh and strong.

We carry the pure white, brown and cream brown varieties; known also under manufacturer's number and as Alaska, Columbia, Holland and Bohemia.

Price: Direct Bricks, inoculated direct from Pure Cultures. Brick, 50c; 5 bricks, \$1.75, postpaid. By express, 10 bricks, \$2.00; 25 bricks, \$4.25; 100 bricks, \$15.00, not prepaid.

Standard Bricks, inoculated from Direct Bricks. Brick, 35c; 5 bricks, \$1.40, postpaid. By express, 10 bricks, \$1.85; 25 bricks, \$3.75; 100 bricks, \$12.00.

**ENGLISH**—Direct importation from the oldest and best English manufacturer. Brick, 30c; 5 bricks, \$1.25, postpaid. Not prepaid: Per brick, 15c; 6 bricks, \$1.00; 25 lbs., \$2.25; 100 lbs., \$7.50.

**FRENCH MUSHROOM SPAWN**—This variety produces Button Mushrooms. Per lb., 40c, postpaid. Not prepaid, 25c.



## Tobacco



**CULTURE**—Tobacco requires a very clean piece of land for the tobacco plant beds, hence it is customary to burn a piece of land in the woods for same. Seed is sown in February and March, in a plant bed which is protected with thin cotton cloth. When large enough, and weather is settled, set the plants in highly fertilized soil, in rows 3½ feet apart, 3 feet between the plants. Cultivate often, and worm and sucker as necessary. One ounce sows 50 square yards, enough to set two or three acres. The seed may be also sown in hot beds in March, and treated the same as tomatoes. Methods of curing differ according to variety.

**CONNECTICUT SEED LEAF**—Forms a stocky plant with leaves not very long, but of good width; suitable for cigar fillers. Pkt., 5c; oz., 25c.

**CONQUEROR**—A superb bright yellow tobacco, suitable for wrappers, and cutters. Best suited to sandy soils. Pkt., 5c; oz., 30c.

**GENERAL GRANT**—Leaves 44 inches long, matures crop early, ideal for cigars. Pkt., 5c; oz., 30c.

**IMPROVED YELLOW ORONOKO**—For yellow wrappers, and smokers. Cures easily a bright color. Good for light soils. Pkt., 5c; oz., 35c.

**IMPORTED HAVANA**—Seed gathered for us from the celebrated plantations of the "Vuelto de Abajo." Pkt., 10c; oz., 45c.

**KENTUCKY YELLOW**—A fine large broad leaved tobacco, for strips, dark wrappers, and fillers. Produces heavy on good rich soils. Pkt., 5c; oz., 35c.

**MISSOURI BROAD LEAF**—A well known standard sort, valuable for cigar wrappers. Pkt., 5c; oz., 20c.

**PERSIAN ROSE**—Fine variety that can be relied on to make high grade cigars. Pkt., 10c; oz., 45c.

**SAFRANO**—Rich saffron-yellow color, soft silky texture, and fine flavor. Pkt., 5c; oz., 30c.

**SUMATRA**—Makes the highest grade cigar wrapper. Our seed is grown by one of the largest American growers and is a most superior type. Pkt., 10c; oz., 50c.

**VIRGINIA OAK HILL**—Resembles White Burley, in color, and Oronoko in shape and habit. Unsurpassed in delicacy of fiber. Pkt., 5c; oz., 30c.

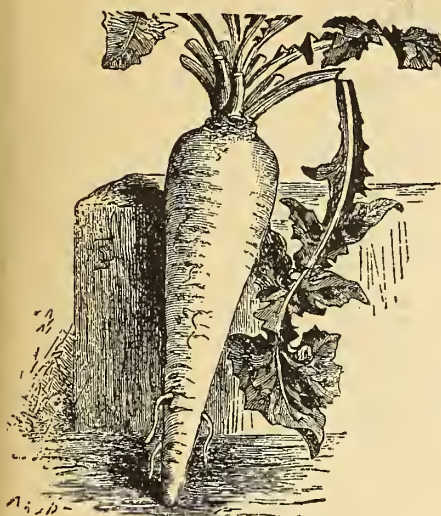
**WHITE BURLEY**—The best filler tobacco known, on account of its absorbing qualities. Has long, white leaf, very porous, fine for plug fillers and wrappers. Pkt., 5c; oz., 30c.

**YELLOW MAMMOTH**—Large yielder. Pkt., 5c; oz., 30c.

**YELLOW PRYOR**—Makes a fine wrapper, cutter, filler or smoker. Pkt., 5c; oz., 30c.

**ZIMMER SPANISH**—An original pure Havana seed leaf, and one of the best cigar tobaccos. Pkt., 10c; oz., 40c.





ROOTED CHICORY.

**CHICORY LARGE ROOTED  
MAGDEBURG**

The dried roots are roasted, ground or pounded and mixed with coffee or used as a substitute for coffee. The young leaves are used for salads. Pkt., 5c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.25, postpaid.

**WITLOOF CHICORY OR FRENCH  
ENDIVE**

This is an intensified form of Large Rooted Madeburg. It has very wide leaves and very large and thick ribs of stalks. A favorite vegetable with the Belgians, rapidly gaining in popularity in this country, and forms a standard salad in all of the best American hotels. The seeds are planted in the winter. The leaves are cut off 1½ inches from the neck, then trenched 2 inches apart, covered with soil 8 inches over the crown. On top of this is put a layer of fresh manure 2 feet high. This forces the roots to grow again. The new leaves come through the soil and are perfectly blanched and closely folded, then they are cut off and used raw for salads. Pkt., 10c; oz., 50c; ¼ lb., \$1.20; 1 lb., \$3.75, postpaid.



SWISS CHARD.

**SWISS CHARD LUCULLUS**

A new moss curled variety with stalks as thick and broad as rhubarb. The mid-ribs are very broad and form a very good substitute for asparagus during the summer months. Yields a quantity of fine stalks from July to winter, and is the best chard there is. Pkt., 5c; oz., 15c; ¼ lb., 50c, postpaid.

**WATERCRESS**

Brunnenresse. Cresson de fontaine. An aquatic plant with long stems, which readily take root. Pkt., 10c; oz., 30c, postpaid.



UPLAND CRESS.

**UPLAND CRESS**

Pkt., 5c; oz., 25c, postpaid.

**CHIVES-SCHNITTLAUCH**

A perennial plant growing in thick tufts. The leaves are of a deep green color, resembling those of a grass, but hollow like those of onion. They are used for seasoning. Pkt., 10c; oz., 75c.

**GEORGIA WHITE CABBAGE  
COLLARD**

Whiter and more tender than the Blue Stem the leaves are bunchy, close together, head up and cannot be cropped. Withstands great amount of winter cold and summer droughts. Quality and flavor excellent. Pkt., 5c; oz., 10c; 1 lb., 75c, postpaid.

**GEORGIA BLUE STEM COLLARD**

The old popular variety, very tall, and long stemmed leaves far apart. The leaves can be cropped and eaten, as the plant forms new leaves again. Pkt., 5c; oz., 10c; 1 lb., 75c, postpaid.

**SLUG SHOT, HAMMOND'S**

Destroys potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. 1-lb. carton, 15c; 5 lbs., 65c; 25 to 50 lbs., at 10c per lb.; keg of 125 lbs., net \$7.25; barrel in bulk, 250 lbs., \$14.00.

**FISH OIL SOAP**

(Generally called Whale Oil Soap). Effectually destroys the mealy-bug and nearly all lice on indoor plants and scale on palms. Recommended for San Jose Scale and insects that infest the bark of trees. It has been used with good results against the pea louse. By mail, postpaid, lb., 35c; 5 lbs., 80c. By express, lb., 15c; 5 lbs., 60c.



WATERCRESS.

**GREEN CURLED ENDIVE**

Standard variety, producing beautifully curled leaves, crisp, tender and blanches cream white. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

**BROAD LEAVED ENDIVE**

Forms large heads of broad, thick leaves. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.



ENDIVE STAGHORN.

**STAGHORN ENDIVE**

A handsome and very distinct variety, forming a very full rosette 14 to 16 inches in diameter. It does not go to seed if transplanted from the hotbed. This is a very important feature. It may be brought to market early, when it is a "money maker." It is of beautiful appearance and fine quality. Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.

**BAVARIAN GARLIC**

The bulbs of this Garlic are larger than those of the common variety, and keep very long. Selected fine sound bulbs. ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c, postpaid.

**A LETTER LIKE THIS TALKS**

From now on, your seeds will be the only seeds used on my farm. I have tried seeds of all descriptions from seed houses located West, North, South and East from here, with varying success. Many times I have lost a good deal of money, and I certainly have had some experience in seeds. Now I have tried your seeds for the last three years and can say that they are absolutely reliable. Your seeds will be the only seeds that I will buy from now on.

ALBERT STOCKBAUER,  
Victoria, Texas.



# Reliable Flower Seeds

**ABRONIA**—Umbellata Grandiflora; pretty trailing Sand Verbena, with numerous clusters of sweet scented rosy-lilac flowers. Suitable for the border, rock work or hanging baskets and vases. Blooms a long time and does well in poor soil. Hardy annual. Height 6 inches .....Pkt., 5c

**ACHILLEA**—(Milfoil or Yarrow). The Pearl. From spring until frost covered with heads of purest white, very double flowers. Splendid cut flower for vases. Hardy perennial. Height 2 feet. If sown early will bloom the first season  $\frac{1}{8}$  oz., 40c; 1 oz., \$3.00.....Pkt., 10c

**ACONITUM NAPELLUS** — (Monk's Wolfsbane). Long spikes of curiously shaped blue flowers. Plant in shrubbery or shady places of the garden. Hardy perennial. Height 3 to 4 ft.  $\frac{1}{8}$  oz., 15c .....Pkt., 5c



ACROCLINIUM.

**ACROCLINIUM**—Double Mixed. Beautiful everlasting flowers, invaluable for winter bouquets. Flowers should be cut when half expanded. Height 1 foot. Hardy annual.  $\frac{1}{8}$  oz., 10c.....Pkt., 5c

**ADLUMIA CIRRHOSA** — (Mountain Fringe, Allegheny Vine or Climbing Fumitory). A graceful, hardy biennial climber, but as it resows itself year after year it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube shaped, flesh colored somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Hardy, height 15 feet.  $\frac{1}{8}$  oz., 25c.....Pkt., 10c

**AGATHEA COELESTIS**—Blue Daisy.  $\frac{1}{8}$  oz., 15c.....Pkt., 10c

## Ageratum (FLOSS FLOWER)

**LITTLE BLUE STAR**—The plants grow only 5 inches high and are literally covered with bright blue flowers during summer and autumn. This is the best Ageratum for edging purposes.  $\frac{1}{8}$  oz., 60c.....Pkt., 10c

**IMPERIAL WHITE**—Large pure white flowers of exceptional form, early and constant bloomer. This is the prettiest white Ageratum.  $\frac{1}{8}$  oz., 10c.....Pkt., 5c

**RED PEARL**—Of dwarf compact habit, completely covered with flowers of reddish blue with ruby centers.....Pkt., 10c

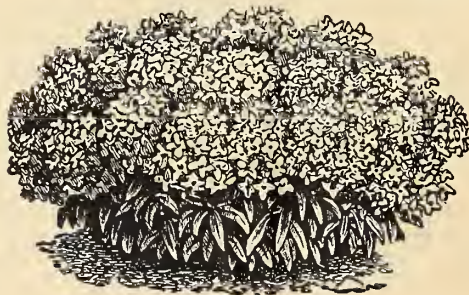


AGERATUM.

**BLUE PERFECTION**—This is the darkest colored of all large-flowering Ageratums with deep amethyst blue flowers; plants very even in growth about 8 inches high.  $\frac{1}{4}$  oz., 25c.....Pkt., 5c

**FINEST VARIETIES MIXED**—All the best varieties are included in this mixture.  $\frac{1}{8}$  oz., 10c.....Pkt., 5c

**ALYSSUM SWEET**—(Mad Wort). The well known sort with sweet scented white flowers.  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 60c....Pkt., 5c



ALYSSUM.

**ALYSSUM SAXTILE COMPACTUM**—(Basket of Gold). Flowers brilliant golden yellow completely hiding the foliage. Height 9 inches. Enjoys sun and not too much moisture. Hardy perennial.  $\frac{1}{4}$  oz., 15c.....Pkt., 5c

**ALYSSUM LITTLE GEM**—Very dwarf only 3 to 4 inches in height. A single plant will cover a space a foot in diameter. Densely studded from spring until fall with beautiful spikes of deliciously fragrant flowers. This is the finest Alyssum in cultivation and we know of no other flower which is so well adapted for borders and ribbons as Alyssum Little Gem. Oz., 50c;  $\frac{1}{2}$  oz., 30c;  $\frac{1}{4}$  oz., 20c.....Pkt., 5c

**AMARANTHUS TRICOLOR**—Splendens Joseph's Coat. Many colors. Thrives in poor soil. Oz., 15c.....Pkt., 5c

**CAUDATUS**—(Love Lies Bleeding). Blood red drooping.....Pkt., 5c

**MIXED**—All varieties. Oz., 15c...Pkt., 5c

**AMBERBOA**—A grand new flower with large Cornflower-like flowers about 2 inches in diameter of pleasing light pink color. The flowers retain their freshness in water for several days and are borne on long stems. Fine for cutting and vases. Height 2 feet. Hardy annual .....Pkt., 5c

**AMBROSIA MEXICANA** — Long spiral stems covered with beautiful green foliage and seed buds, which are exceedingly fragrant. It takes its name from the fragrance of its foliage. Hardy annual. Height 2 feet.....Pkt., 5c

**AMPELOPSIS VETCHII** — (Boston or Japanese Ivy). A hardy perennial climber, with olive green leaves which turn to scarlet in the fall. Clings firmly to the smoothest surface of rock or wood. Height 30 feet. 1 oz., 20c.....Pkt., 5c

**ANEMONE ST. BRIGID**—(Wind Flower). A most beautiful flower, fine for cutting. The flower are 3 to 5 inches across, single, semi-double, and produce in great abundance. The colors are of all kinds of color and markings scarlet, pink, maroon, purple, lilac, striped, mottled, etc. It is one of the most gorgeous flowers, unsurpassed for cutting. Height 15 inches. Hardy perennial.  $\frac{1}{8}$  oz., 20c;  $\frac{1}{4}$  oz., 35c.....Pkt., 10c

**ANCHUSA ITALICA**—"Dropmore." One of the most showy hardy perennials, bearing in abundance all summer flowers of the richest gentian-blue. Height 5 feet.....Pkt., 10c

**ANTHEMIS KELWAYI** — Hardy Marguerite. A most satisfactory hardy perennial, bearing all summer daisy-like golden yellow blossoms.  $\frac{1}{8}$  oz., 10c;  $\frac{1}{4}$  oz., 25c.....Pkt., 5c



## Antirrhinum

### (SNAPDRAGON)

One of our finest perennials, flowering the first year from seed. Its bright colored flowers are very attractive and make a beautiful display during the summer and fall.

**QUEEN VICTORIA**—The best tall growing pure white. Especially desirable for cutting for table decoration. Height 3 feet.

½ oz., 15c; ¼ oz., 25c.....Pkt., 10c

**GOLDEN KING**—Produces extra long spikes closely set with immense flowers of a clear bright yellow. Height 18 inches.

½ oz., 15c; ¼ oz., 25c.....Pkt., 10c



ANTIRRHINUM FIREFLY.

**FIREFLY**—Scarlet and white. Very beautiful. Height 18 inches.

½ oz., 15c; ¼ oz., 25c.....Pkt., 10c

**SILVER PINK**—This delightful Snapdragon is largely grown in greenhouses, during the winter months. A splendid half high variety, with flowers of a silvery pink color.....Pkt., 35c

**APPLE BLOSSOM**—A lovely pink shade on a white ground, with a white throat. Height 2 ft. ½ oz., 25c.....Pkt., 10c

**PINK BEAUTY**—A deep rose, pink self, enormous spikes of flowers, individual blooms exceptionally large, a vigorous grower .....Pkt., 15c

**CARMINE QUEEN**—A grand variety, with very large fringed flowers of rich rose carmine. Height 18 inches. ½ oz., 30c..Pkt., 10c

**SPECIAL MIXTURE**—Only the Giant-Flowering varieties are included in this mixture. This mixture includes the most showy Giant-Flowered varieties in all colors and markings.

½ oz., 15c; ¼ oz., 20c.....Pkt., 5c

**DWARF VARIETIES**—Only large flowered varieties are included in this mixture; height 8 to 15 inches....Pkt., 5c

## Aquilegia

### (COLUMBINE)

Easily raised from seed, thrives best in half shaded position. Hardy perennial. Height from 1½ to 3 feet according to variety.

**COERULA**—Rocky Mountain Columbine. One of the most beautiful native varieties. Sepals deep blue, petals white.

Height 3 feet. ½ oz., 25c.....Pkt., 10c

**COERULA ROSEA**—Rose Queen. The plants produce on long slender stalks in great profusion flowers of light to dark rose with white center and yellow anthers a most delicate and beautiful combination of color. Height 2½ ft.

⅓ oz., 35c; ⅛ oz., 65c.....Pkt., 15c

**NEW LONG SPURRED HYBRIDS**—Of unusual beauty with dainty spurred blossoms which whether solitary or in clusters, seem like little butterflies ready to take wings at any moment. The plants are very vigorous growers with luxuriant foliage and frequently over 3 ft. in height. The colors of the flowers are most gorgeous and varied including rich shades as well as many new and delicate tints; pure white and yellow, deep blue, lavender, mauve, chocolate, pale lilac, scarlet, pink, salmon, cerise, white and yellow blue, etc. This new race of Columbine has to be seen to be fully appreciated.

½ oz., 25c; ¼ oz., 45c.....Pkt., 15c

**AQUILEGIA MIXED**—Includes finest single and double flowering sorts.

⅓ oz., 20c; ¼ oz., 35c.....Pkt., 5c

**ARCTOTIS GRANDIS**—(African Daisy). A remarkably handsome annual forming much branched bushes about 3 feet high with flowers borne on long stems well above the foliage. The flowers are large and showy being pure white on the upper surface, the reverse of the petals pale lilac-blue. Very easily raised. Blooms from early summer till killed by frost. An exquisite cut flower lasting in water over a week. ¼ oz., 25c.....Pkt., 5c

**ARGEMONE HYBRIDA GRANDIFLORA**—(New Mexican or Prickly Poppy). Forms sturdy bushes about 3 feet high with very ornamental pale green, spiny foliage, with clear silvery midribs and veins and produces an abundance of poppy like flowers of satiny texture over 3 inches across in various shades from creamy white to rich yellow. Blooms from early summer till late fall, and makes very pretty and ornamental plants in or out of bloom. Annual, half hardy .....Pkt., 10c

**ARISTOLOCHIA SIPHO**—(Dutchman's Pipe). A noble foliage plant and when trained against a house or trellis is matchless. Flowers yellow and brown, mottled and curiously shaped. Hardy perennial climber. Height 30 feet.....Pkt., 10c

**ARTEMISIA SACRORUM**—(Summer Fir). Ornamental foliage plant from China, growing from 3 to 5 feet tall. The fine pinnate foliage is a rich dark green and can be used, when cut, to a great advantage in connection with flowers of any kind. Annual.

½ oz., 15c.....Pkt., 5c



ASPARAGUS PLUM. NANUS

**ASPARAGUS HATCHERI**—A rapid and heavy growing Asparagus, with much finer foliage than the Asparagus Plum. osus, from which it is a selection. Northern greenhouse grown seed.

100 seeds, \$1.00.....Pkt. (8 seeds) 10c

1,000 seeds .....\$3.25

**ASPARAGUS PLUMOSUS NANUS**—(Lace fern). Most popular hot house plant today. The bright green sprays surpass the Maiden-hair fern in grace and delicacy of texture. 25 seeds, 35c; 100 seeds, \$1.00.....Pkt. (8 seeds), 10c

**ASPARAGUS SPRENGHERI**—(Emerald Feather). One of the best plants to grow in suspended baskets, window boxes, vases, etc., for the house in winter and outdoor in the summer.

100 seeds for 40c.....15 seeds 10c

**ASPERULA ODORATA**—(Waldmeister). Grown for its fragrant leaves. Best grown among shrubbery, in semi-shaded position where it can remain undisturbed. Hardy perennial. Height 6 inches.....Pkt., 5c

## SOWING SEEDS OF HARDY PERENNIALS

June is an excellent month to sow perennial seeds. The object is to get good, strong plants for the next season's blooming. Hollyhocks, shasta daisies, picotees, grass pinks, sweet William, foxglove, columbines and many others can be grown from seeds easily. Perennial phlox does not germinate readily, and if the seeds are sown the bed should be in a protected place, where it can remain undisturbed until the following spring, for many, if not most, of the seeds will wait until then to come up.



## Carlson or Invincible Asters

The early branching Aster. This is the finest type of the Perfection Flowered Aster. The flowers are from 4 to 5 inches across, peony-formed, exceedingly double to the very center. The plants are of vigorous sturdy growth attaining a height of about 24 inches, early and continuous bloomers from summer until checked by frost. The stems are quite stiff, from 15 to 18 inches long, colors decided and pleasing. All things considered these are the most valuable of all Asters, either for cutting or bedding and if only one kind of Asters are grown this is the variety which will give the highest satisfaction.

	Per Pkt.
AZURE BLUE—A deep rich lavender.....	10c
SHELL-PINK—Soft and dainty.....	10c
LAVENDER—Perfect in its purity.....	10c
FINEST BLUE .....	10c
$\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.25.	



GIANT BRANCHING ASTER.

## Giant Branching Asters

A magnificent American strain especially adapted to our climatic conditions. The plants form strong, branching bushes about 2 feet high bearing on long stems their handsome chrysanthemum-like flowers averaging 4 inches or more across. They come to bloom from 2 to 3 weeks after the average type thus lengthening the aster season until after frost. Extremely free flowering and a grand cut-flower.

	Per Pkt.
WHITE .....	10c
FLESH PINK .....	10c
ROSE PINK .....	10c
CRIMSON .....	10c
LAVENDER .....	10c
PURPLE .....	10c
COLLECTION—A packet of each of the 6 colors.....	50c
FINEST MIXED—All the colors mixed.....	10c
$\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.25.	

## Crego Aster

A popular variety either for bedding or cutting. The plant is of vigorous growth, well branched, grows about 2 feet tall and produces many long, stiff flower stems. The flowers are as firm as chrysanthemums and of giant size seldom measuring less than 6 inches across, perfectly formed, double, with long fluffy, gracefully curled petals.

AZURE BLUE  
CRIMSON  
LAVENDER  
PURPLE

ROSE PINK  
SHELL PINK  
WHITE

Each of the above:  $\frac{1}{8}$  oz., 25c;  $\frac{1}{4}$  oz., 45c.....Pkt. 10  
Mixed, all colors:  $\frac{1}{8}$  oz., 20c;  $\frac{1}{4}$  oz., 35c.....Pkt. 10

## Astermum Aster

This is a new race of Asters. It resembles the Comet variety but the blooms are larger and more perfect approaching in form the Chrysanthemum more than any other variety. The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

DARK LAVENDER  
ROSE PINK

SNOW WHITE  
MIXED

Each of the above:  $\frac{1}{4}$  oz., 55c..... Pkt. 10

## Queen of the Market Asters

The best early Aster, usually in full bloom weeks before most other sorts begin to blossom. Plants about 15 inches high of graceful spreading habit; flowers of good size borne on long stems, making them valuable for cutting.

	Per Pkt
PINK .....	10c
WHITE .....	10c
CRIMSON .....	10c
FLESH .....	10c
SCARLET .....	10c
LIGHT BLUE .....	10c
DARK BLUE .....	10c
COLLECTION—A packet of each of the 7 colors.....	55c
FINEST MIXED—All the colors mixed.....	10c
$\frac{1}{8}$ oz., 15c; $\frac{1}{4}$ oz., 25c; 1 oz., 75c.	

## Improved Victoria

Undoubtedly one of the most handsome Asters in cultivation. Flowers are large, perfectly double, globular and imbricated, plants are of fine pyramidal form grown very evenly about 18 inches high and carry from 25 to 35 flowers measuring from 4 to 5 inches across on a single plant. Grand for bedding as well as for pot culture.

	Per Pkt
WHITE .....	10c
PEACH-BLOSSOM PINK .....	10c
CRIMSON .....	10c
LIGHT BLUE .....	10c
DARK BLUE .....	10c
SCARLET .....	10c
COLLECTION—A packet of each of the 6 colors.....	50c
FINEST MIXED—All the colors mixed.....	10c
$\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 55c; 1 oz., \$2.00.	

## Crown or Comet Aster

Very beautiful variety of Aster of the Comet type with flowers 3 to 5 inches across. The centers of the flower is a crown of pure white surrounded by pink, blue or scarlet. Height about 16 inches.

MIXED .....	Pkt. 10c
$\frac{1}{8}$ oz., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.25.	

## Hardy Asters

### LARGE FLOWERING VARIETIES

MIXED—(Michaelmas Daisies or Starworts). These stand unrivaled for their brilliant shades of color and extreme profusion of bloom during the autumn months. They are very hardy, easily grown and invaluable for the border and for cut flowers. Our mixture contains only large flowered and choice varieties .....Pkt. 15c



## Giant Japanese Asters

Perhaps the finest Aster for cut flower purposes possessing a charm superior to all other varieties. The flowers are very large from 5 to 6 inches in diameter with long narrow curly petals; plants well branched about 20 inches high.

Per Pkt.

PURE WHITE .....	10c
SALMON ROSE .....	10c
BRILLIANT CARMINE .....	10c
AZURE BLUE .....	10c
COLLECTION—A packet each of the above 4 colors.....	35c
FINEST MIXED—All the colors mixed.....	10c
1/8 oz., 30c; 1/4 oz., 55c; 1 oz., \$2.00.	

## Giant Ostrich Feather Asters

This is the finest type of the Giant Comet or Ostrich Feather type of Asters, differing from the older well known Comet Asters not only in bearing much larger flowers but in having much longer and broader petals. The flowers are often 6 inches across, composed of long wavy, twisted petals, gracefully formed into loose, yet densely double half globes, closely resembling Japanese Chrysanthemum. The plants are strong growers, attain a height of about 16 inches and bloom in August. The flowers are borne on long stems and as a cut flower cannot be excelled.



OSTRICH FEATHER ASTER.

Per Pkt.

WHITE .....	10c
BRIDE—White changing to pink.....	10c
SOFT PINK .....	10c
ROSE .....	10c
CRIMSON .....	10c
SILVERY LILAC .....	10c
DARK BLUE .....	10c
CANARY YELLOW .....	10c
COLLECTION—Of Giant Ostrich Feather Asters, 6 separate colors .....	50c
ALL COLORS MIXED .....	10c
1/8 oz., 25c; 1/4 oz., 45c; 1 oz., \$1.65.	

### BALLOON VINE

(Love-in-a-Puff). A rapid growing climber, attaining a height of 10 to 15 feet. Flowers white; seed vessels look like miniature balloons, are very pretty and the vine is covered with them.

Pkt. ....5c

## Double Balsams

### LADY SLIPPERS

Our balsams produce gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion and for quality cannot be excelled. To grow fine specimens they should not be closer than 18 inches apart. Tender annual. Height 18 to 20 inches. White, Light Yellow, Dark Blue, Crimson Spotted, Lilac. Any color each of the above: 1/4 oz., 25c; 1/2 oz., 45c; 1 oz., 85c. Pkt. ....5c

**DOUBLE CAMELIA-FLOWERED BALSAMS**—Made up from separate colors and unsurpassed in quality.

1/4 oz., 25c.....Pkt. 5c

**BALSAM APPLE**—A climbing half-hardy annual. Oz., 30c.

Pkt. ....5c

**BALSAM PEAR**—Oz., 35c.....Pkt. 5c

**BABTISIA AUSTRALIS**—(False Indigo). A beautiful hardy perennial herbaceous plant producing pea-shaped flowers on spikes 6 inches long. Bright blue. Height 2 feet....Pkt. 10c

**BARTONIA AUREA**—A very showy annual, easily grown and succeeding in any soil and position, blooming early and the whole season. The flowers are of bright metallic yellow color about 3 inches across, and fragrant.

Height 2 feet.....Pkt. 5c

## Begonia

**BEGONIA VERNON**—A fine bedding sort with rich red flowers and glossy bronze-red foliage. 1/8 oz., 35c.....Pkt. 10c

**GRACILIS ALBA**—Grows in symmetrical compact form and the plants are literally covered with pure white flowers which droop gracefully in large panicles. Leaves glossy green, slightly hairy. Vigorous grower and constant bloomer.

3/8 oz., 20c.....Pkt. 10c

**GRACILIS LUMINOSA**—A magnificent new specimen of the Semperflorens type, exceptionally sturdy and unquestionably one of the choicest bedding sorts in existence. Its flowers are large, perfect and plentiful and never out of bloom. Color the brightest scarlet. 3/8 oz., \$1.25.....Pkt. 15c

**TUBEROUS ROOTED HYBRIDS**—Of great value for summer decorating or window gardening, producing flowers of gigantic size often 6 inches across. The colors range from white and vivid scarlet through shades of bright bronzy yellow, light and dark crimson, orange, ruby-red, rose and pink. Our seed has been saved from selected flowers, is carefully hybridized and will produce magnificent flowers. The seed produces tubers in six months. Single and double varieties mixed .....Pkt. 20c

## Bellis

### ENGLISH OR DOUBLE DAISIES

A low growing spring flowering plant, a companion to the pansy and forget-me-not. Loves a shady place and will reward the gardener with a mass of blossoms for many years if left undisturbed. Easily raised from seed.

**SNOWBALL**—Large, double, white flowers.

1/8 oz., 20c.....Pkt. 5c

**LONGFELLOW**—Pink. 1/8 oz., 15c.....Pkt. 5c

**FINE GERMAN DOUBLE MIXED**—1/8 oz., 15c.....Pkt. 5c

**MONSTROSA WHITE**—Each plant produces but a few flowers, but these are almost as big as a good sized aster and are borne on long stiff stems. 1/8 oz., 20c.....Pkt. 15c

**BOCCONIA CORDATA**—(Plume Poppy). A splendid hardy perennial plant easily raised from seed. The plant grows about 6 feet high, producing a wealth of creamy white flowers borne on large panicles. Very effective for single specimens or grouped on lawn. 1/8 oz., 15c.....Pkt. 5c

**BRACHYCOME IBERIDIFOLIA**—(Swan River Daisy). A profuse flowering annual with small blue flowers resembling those of cineraria, suitable for edgings, small beds or pot culture. Height 9 inches. 1/8 oz., 15c.....Pkt. 5c

**BROWALLIA SPECIOSA MAJOR**—(Amethyst). This can be grown in the poorest soil and makes a grand bedding plant, blooming profusely all through our hot dry summers, until frost. The flowers are of the most brilliant ultramarine color. Fine for baskets or vases but especially valuable as a pot plant for winter, and early spring flowering. Tender annual. Height 12 inches. 1/8 oz., \$1.80.....Pkt. 10c



**CALAMPELIS SCABER**—A splendid annual climber. Trained to a trellis or south wall it is an ornamental object throughout the summer producing beautiful orange colored tube shaped flowers.  
Height 10 feet.  $\frac{1}{8}$  oz., 10c.....Pkt., 5c

**CALANDRINIA GRANDIFLORA** — Fleshy-leaved dwarf growing bushy annual with large rose-colored flowers. Very beautiful.  
Height 1 foot.....Pkt., 5c

## Calendula

This is one of the best and showiest free-flowering hardy annuals thriving in any good garden soil. Blooms from early summer till frost.

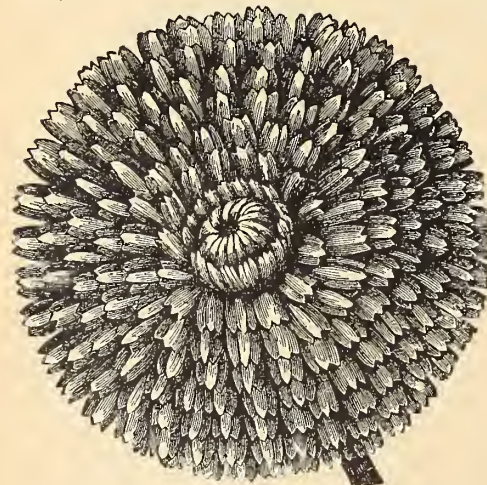


CALENDULA ORANGE KING.

**ORANGE KING**—Large double flowers of intense golden orange. 1 oz., 10c...Pkt., 5c

**PRINCE OF ORANGE**—Large double deep yellow, striped with orange.  
1 oz., 10c.....Pkt., 5c

**LEMON KING**—Large double flowers. 1 oz., 10c .....Pkt., 5c



CALENDULA METEOR.

**METEOR**—Large double yellow, each petal striped with orange. 1 oz., 10c...Pkt., 5c

**FAVORITE** — Light sulphur, each petal striped with creamy white; the lightest colored variety. 1 oz., 10c.....Pkt., 5c

**COLLECTION**—A packet of each of the 5 separate varieties .....15c

**FINEST MIXED**—All the above sorts. 1 oz., 10c .....Pkt., 5c

**CALCEOLARIA** — Large flowering. (Pouchflower). An ornamental plant producing a mass of beautiful pocket-like flowers early in the spring and a favorite for decorating the greenhouse or conservatory. Our strains are from Europe's best growers and can be relied upon to produce nothing but flowers of the largest size and most brilliant coloring. Height 20 inches.  
 $\frac{3}{8}$  oz., \$1.85.....Pkt., 25c



CALIOPSIS MIXED.

## Caliopsis

Beautiful, free flowering half-hardy annuals of the easiest culture, doing well in any sunny position all summer and excellent for cutting and massing.

**GOLDEN RAY**—Of dwarf, compact even growth; flowers clear yellow with small garnet eye.  $\frac{1}{2}$  oz., 15c..Pkt., 5c

**GOLDEN WAVE**—Flowers yellow with a circle of chestnut brown around the eye. Height 2 feet.  
1 oz., 15c.....Pkt., 5c

**RADIATA TIGER SPOTTED**—The flowers are attractively marbled and spotted with red maroon on rich yellow ground, very effective for garden decoration and fine as potted specimen.  
Height 8 inches.  $\frac{1}{4}$  oz., 15c...Pkt., 5c

**CRIMSON KING**—Color rich velvety crimson garnet. Height 9 inches.  
 $\frac{1}{4}$  oz., 15c .....Pkt., 5c

**COLLECTION**—A packet of each of the above 4 sorts.....15c

**MIXED**—All the choice varieties in mixture.  $\frac{1}{4}$  oz., 15c.....Pkt., 5c

**CALLIRHOE INVOLUCRATA** — (Poppy Mallow). A very showy, trailing hardy perennial, bearing continuously from early summer till fall large saucer shaped bright crimson flowers. Fine for planting in front of the hardy border. Height 6 inches.  
 $\frac{1}{4}$  oz., 20c.....Pkt., 5c

**CAMPANULA OR BELL FLOWER**—They are of very easy culture, growing either in sunny or shady positions.

**CARPATICA, BLUE**—(Harebell). One of the most handsome, forming compact tufts, flowers porcelain blue, held erect on wiry stems. Unsurpassed as an edging for the hardy border or rockery.  $\frac{1}{8}$  oz., 15c.....Pkt., 5c

**CANTERBURY BELLS** — (Campanula Medium). Of easy culture, thriving in any good garden soil, and flowering the second season from seed. Hardy biennial. Height 30 inches.....Pkt., 5c



CAMPANULA PERSICIFOLIA.

## Campanula

**PERSICIFOLIA GRANDIFLORA** — (Peach-leaved Bell-Flower). A hardy perennial producing long spikes of large bell-shaped flowers of blue or white. Fine for pot culture as well as for hardy border. Of remarkable beauty. Both colors mixed.  
 $\frac{1}{8}$  oz., 25c.....Pkt., 10c

**CALYCANTHEMA BLUE** — (Cup and Saucer Canterbury Bells). This is the finest type of Campanulas, differing from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. Biennial.  
 $\frac{1}{8}$  oz., 20c.....Pkt., 10c

**CANDYTUFT**—This will bloom in great profusion anywhere and under all conditions. Fine for cut flowers and borders. Hardy annual.

**EMPRESS**—This is the finest of all the white varieties producing enormous spikes of bloom, resembling a Dutch Hyacinth. These spikes often measure 6 inches long and 3 inches across. Unsurpassed for outdoor bedding and extensively used for forcing. Height 12 inches.  
 $\frac{1}{2}$  oz., 30c .....Pkt., 5c

**SNOWFLAKE**—Extremely free-blooming variety of the dwarf hybrid large flowered Candytuft. The plants form very neat round bushes not over 7 inches high covered with finest pure white flowers.  $\frac{1}{4}$  oz., 20c.....Pkt., 5c

**QUEEN OF ITALY**—The plants form dwarf bushes not over 8 inches high. The florets as well as the umbels of bloom are double the size of the old varieties of pink color.  
 $\frac{1}{4}$  oz., 25c.....Pkt., 5c

**GIBALTARICA HYBRIDA**—White flowers, shading to lilac. A fine perennial variety.  $\frac{1}{8}$  oz., 15c.....Pkt., 10c

**SEMPERVIRENS** — Completely covered with heads of pure white flowers in spring; much used for cemeteries, rockeries, etc. Perennial.  
 $\frac{1}{8}$  oz., 20c.....Pkt., 10c



**CANNA GIANT FLOWERED MIXED**—(Indian Shot). Easily raised from seed. Soak the seeds in warm water until they show signs of swelling, then sow in sandy loam and keep in warm place; when up to the second leaf they may be set out. 1 oz., 25c .....Pkt. 5c

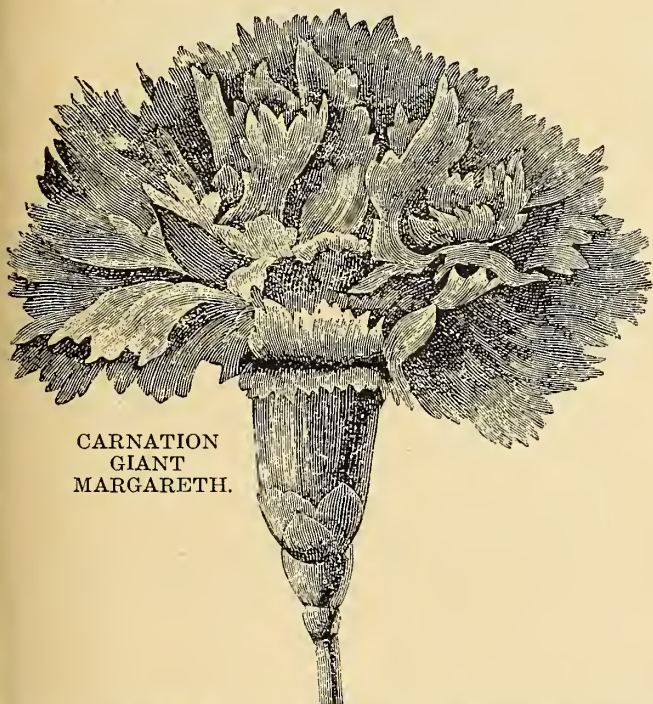
**CANARY BIRD VINE**—A beautiful rapid annual climber with clean, handsome foliage and charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. ½ oz., 15c.....Pkt. 5c

**CARDINAL CLIMBER**—A variety of Cypress Vine. Leaves finely cut like those of Japanese Maples, flowers brilliant scarlet the whole vine being practically covered with them. Very desirable. Hardy annual. Height 20 feet. Soak the seed in warm water before sowing. ¼ oz., 25c.....8 seeds 15c

## Carnations

Half hardy perennials. Height 20 inches. The Carnation has always been highly esteemed for its delicious fragrance and richness of colors. They can be very easily raised, in fact there are but few flowers that can be as easily raised as carnations. Sow the seed early in spring in a shallow box filled with good garden soil mixed about half with coarse sand. Cover the seed lightly. When the plants have a few leaves set them out. The following will bloom from seed in four months.

**GIANT OF NICE**—A remarkable strain raised by a Carnation specialist in Southern France. The flowers often measure 3 inches in diameter, are about 80 per cent double as they can be and of a great variety of color. Dark crimson, carmine, maroon, pink, white, variegated and striped, all very beautiful and deliciously fragrant. Splendid kind for cut-flowers because the stems are long and stiff. ....Pkt. 20c



CARNATION  
GIANT  
MARGARETH.

**GIANT MARGARETH**—The Marguerite Carnation is ready to bloom in about five months after sowing. No matter at what time of the year the seed is sown this carnation comes into bloom in five months and it can be had in bloom at any time of the year early in spring, in the winter, etc. The flowers are very large, from 2 to 3 inches in diameter; the colors are all the shades of white, pink, crimson and striped. ⅓ oz., 20c; ⅛ oz., 35c.....Pkt., 10c

**DWARF MARGARETH MIXED**—Of dwarf growth. A splendid strain for bedding purposes. These are the most popular carnations with the amateur as they bloom in about four months after sowing. Our strain is of extra fine quality, producing on long wiry stems large, mostly double, beautifully fringed, highly fragrant flowers. ⅛ oz., 20c....Pkt. 10c

**SPECIAL CARNATION MIXTURE**—This mixture includes all the finest strains of sweet scented carnations. Such as Giant Margareth, Chabauds Giant Fancy, Malmaison, Giant of Nice, Riviera Market, Dwarf Vienna, etc. Out of these seeds anyone can raise flowers as large as the best florist's Carnation. The plants may be lifted in September, potted and will bloom all winter in the house. ⅓ oz., 35c.....Pkt., 15c

## Carnations

The following varieties will bloom the second year from seed. With slight protection of litter they will survive the winter and bloom freely the following spring:

**GRENADIN, RED**—These will yield a quantity of fine double glowing red flowers. Fine for pot culture.....Pkt. 10c

**DWARF VIENNA**—Of all carnations these are the most highly sweet scented. Flowers large and very double in the largest variety of colors. Very free flowering.....Pkt. 10c

## Cyclamen—Alpine Violet

Charming house plants, with beautiful foliage and rich colored fragrant flowers; universal favorites for winter and spring blooming.

### GIANT GERMAN GROWN

**PURE WHITE**—(Mont Blanc). Dark crimson.

**ROSA VON MARIENTHAL**—Daybreak pink.

**DARK ROSE.**

Each of the above, 10 seeds, 15c; 100 seeds, 75c.

**GIANT FLOWERED CYCLAMEN**—Mixed, extra choice, 10 seeds, 15c; 20 seeds, 25c; 100 seeds, 65c.

### GIANT ORCHID FLOWERED CYCLAMEN

These are exceptionally fine, with large flowers that are frilled and fringed in wonderful fashion.

**PURE WHITE.**

**WHITE WITH CARMINE EYE.**

**RED, PINK, LILAC.**

Each of the above, 10 seeds, 15c; 100 seeds, \$1.00.

**GIANT ORCHID FLOWERED CYCLAMEN**—Mixed, extra choice, 10 seeds, 15c; 100 seeds, 90c.

### GIANT ENGLISH GROWN

**PRINCESS MAY**—Pale pink.

**DUKE OF FIFE**—Dark rose.

**MAUVE QUEEN**—Mauve.

**SALMON KING**—New color.

**ROSY MORN**—Delicate rose color. Claret base.

**GRANDIFLORA ALBA**—The largest giant white grown.

**EXCELSIOR**—White, with red base.

Each of the above, 10 seeds, 20c; 100 seeds, \$1.50.

**SAINT GEORGE**—The foliage is beautifully margined in silver, not unlike Begonia Rex. The flowers are rich salmon color. 10 seeds, 30c; 25 seeds, 75c.

**MRS. L. M. GRAVES**—The color is an intense and brilliant salmon scarlet. 10 seeds, 50c.



CYCLAMEN.

**PERSICUM MIXED**—Persian Violet.....Pkt. 15c





## Campanula Calycanthemum

Truly a good flower, either for the garden or as a cut flower. The blooms are blue and oddly shaped and receive much admiration. This is a plant to which florists should pay more attention as the blooms are easily sold and bring good prices. It is a biennial. Requires protection in the North. Pkt., 10c;  $\frac{1}{8}$  oz., 20c.

**PRIDE OF CASTLE GOULD**—Plants grow compact and pyramidal producing immense flower heads, resembling willow plumes, in many remarkable shades.  $\frac{1}{8}$  oz., 90c....Pkt. 20c

**CASTOR OIL BEAN**—See Ricinus.

**CELOSIA PLUMOSA**—(Feathered Cockscomb).

We offer only the finest forms of these magnificent flowers. Plants grow in pyramidal form, each branch being tipped with extra large plumed head of either fiery scarlet, purple, salmon, blood red, golden yellow, etc. Most showy and of easiest culture.

**FINEST MIXED**—This mixture contains the finest varieties in a great range of colors.

$\frac{1}{4}$  oz., 15c.....Pkt. 5c

**CHINESE WOOLFLOWER**—Celosia Childsii.....Pkt. 10c



CELOSIA PRES. THIERS.

**CELOSIA CRISTATA**—Extensively used for formal bedding and for pot culture.

**PRESIDENT THIERS**—Very dwarf. The immense combs are of dark crimson.  $\frac{1}{8}$  oz., 25c.....Pkt. 10c

**CENTAUREA IMPERIALIS**—A beautiful bouquet flower blooming the first year from seed. This new mammoth-flowering variety produces long stemmed blossoms 3 to 4 inches across, of graceful airy effect, and most deliciously fragrant—the colors of the flowers are infinitely varied from glistening white through shades of red, from flesh pink to crimson and through blues from silver lilac to royal purple, some of them having centers of some distinct color, as violet with white center, etc. If cut scarcely opened they will last for 10 days in water. Of easiest culture. No illustration can depict the extremely graceful beauty of these flowers. Height 2 to 3 feet.

**WHITE**— $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**FAVORITA**—Brilliant rose,  $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**YELLOW**— $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**LILAC**— $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**CRIMSON**— $\frac{1}{4}$  oz., 15c.....Pkt. 5c

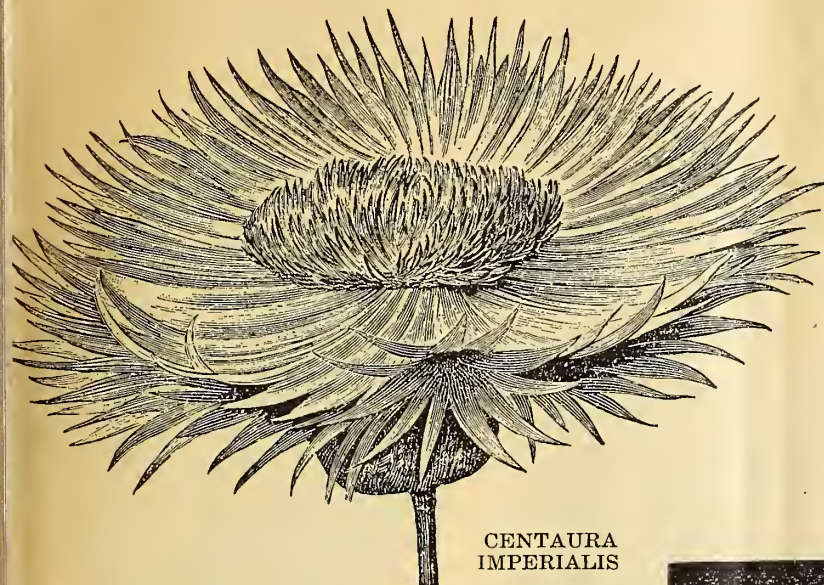
**MIXED**— $\frac{1}{4}$  oz., 10c.....Pkt. 5c

**COLLECTION**—A packet of each of the 5 sorts.....20c

**CENTAUREA CYANUS DOUBLE BLUE**—(Cornflower). This is identical in color to the popular single blue variety, but being a full double flower, it takes fewer of them to make a nice bouquet and is better in every way. Annual. Height 2 feet.  $\frac{1}{8}$  oz., 15c.....Pkt. 5c

**CENTAUREA GYMNOCARPA**—(Dusty Miller). An ornamental leaved plant, forming a round bush of silvery fern-like leaves. Fine for bedding, vases, hanging baskets and pots and particularly effective as an edging to a bed of dark leaved cannas or scarlet sage. 1 oz., 30c.....Pkt. 5c



CENTAUREA  
IMPERIALIS

**HELONE BARBATA TORREYI**—(Turtle Head. Shell Flower). A stately and handsome plant with long spikes of scarlet blossoms, growing 4 to 5 feet high. Prefers a rather moist situation. Hardy perennial. Pkt. ....5c

**HELONE LYONI**—Pretty free flowering plant, preferring half shady situation and bearing a profusion of deep red flowers in heads. Hardy perennial. Height 2 feet. ....Pkt. 10c

### CHRYSANTHEMUM, ANNUAL VARIETIES

These are extremely showy and effective. They are also like in shape and are much used for cut flowers. The hardy annuals are summer-loving border plants and quite distinct from the hardy perennials and autumn-flowering varieties.

**FINEST MIXED**—This embraces seed of all the single "Painted Daisies" in all shades of color and markings. ....Pkt. 5c

**FRIDAL ROBE**—Plants grow about 1 foot high, the finely cut foliage is almost hidden by the mantle of pure white double flowers which cover the entire plant so much that a bed of this looks like a drift of snow. Fine for bedding purposes and closely set and resembles to some extent a finely formed large flowering, double daisy.  $\frac{1}{8}$  oz., 25c. ....Pkt. 10c

### PERENNIAL VARIETIES

**MAXIMUM or OX EYED DAISY**—Blossoms of the purest white with yellow centers, and borne on long stems, lasting a long time when cut, perfectly hardy. Height 30 inches.  $\frac{1}{4}$  oz., 15c;  $\frac{1}{2}$  oz., 20c. ....Pkt. 5c

**HASTA DAISY, ALASKA**—A splendid variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals and borne on long stems, a beautiful cut flower, remaining in good condition nearly ten days.  $\frac{1}{8}$  oz., 30c. ....Pkt. 10c

**JAPANESE HYBRIDS**—The seed here offered has been saved from magnificent collection. Sown in February or March and properly treated the plants will bloom next fall. As a rule they are hardy, but they should have a slight protection over winter.  $\frac{1}{8}$  oz., 75c. ....Pkt. 15c

**GERANIUM—FINEST MIXED**. This is a mixture of the finest English, French, Danish and German strains, the flowers are very large from 7 to 9 inches in circumference and of the most brilliant colors.  $\frac{3}{8}$  oz., \$3.00. ....Pkt. 15c

**GERANIUM—Good mixed**.  $\frac{3}{8}$  oz., 45c. ....Pkt. 5c

**GERANIUM—LARKIA**—An exceedingly useful and charming class of hardy annuals admirably suited for sowing in beds or mixed borders, also fine for pot culture. The flowers are rose, red, white, purple, etc., borne in profusion during the summer. Height  $\frac{1}{2}$  foot. Finest double varieties mixed.  $\frac{1}{4}$  oz., 10c. ....Pkt. 5c

**GERANIUM—LEOMME GIGANTHEA**—The plant attains a height of 2½ feet, is well branched and each branch terminates by a large head of bright rosy crimson flowers. It makes a striking subject for large beds or for interspersing in the mixed flower or shrubby border. A plant of great beauty, very freely flowering and out of all Cleomes, this is decidedly the finest variety.  $\frac{1}{4}$  oz., 10c. ....Pkt. 5c

**COBAEA SCANDENS, BLUE**—A fine rapid growing climber with handsome foliage and large bell-shaped flowers. In sowing place seeds edgewise and cover lightly. Tender perennial. Height 20 feet. 1 oz., 40c. ....Pkt. 5c

**COCKSCOMB**—See Celosia Cristata.

**COLEUS, FINEST MIXED**—This contains the finest varieties of coleus with leaves which often measure 10 inches in length and 8 inches in width, heart shaped and handsomely crimped, toothed and frilled, their color combinations are remarkably rich, comprising all the reds, metallic greens and yellows in shades in the most delicate to nearly black. ....Pkt., 15c

**COLEUS**—Fine Mixed .....Pkt. 5c

**COIX LACHRYMAE**—Job's Tears. 1 lb., 75c; 1 oz., 10c .....Pkt. 5c

**COREOPSIS — Lanceolata Grandiflora**. (Golden Glory). This is one of the finest of hardy plants with large showy bright yellow flowers produced in greatest abundance from June till frost. A superb cut flower. Will bloom the first year from seed if sown early. Height 30 inches.  $\frac{1}{4}$  oz., 10c. ....Pkt. 5c



SHASTA DAISY.

**COSMOS**—An autumn flowering plant making large bushes 5 feet high and as much broad, which are a mass of elegant foliage. From September to November each plant is covered with hundreds of showy blossoms 2 to 4 inches in diameter.

**GIANT WHITE**— $\frac{1}{2}$  oz., 15c. ....Pkt. 5c

**GIANT PINK**— $\frac{1}{2}$  oz., 15c. ....Pkt. 5c

**GIANT CRIMSON**— $\frac{1}{2}$  oz., 15c. ....Pkt. 5c

**GIANT MIXED**— $\frac{1}{2}$  oz., 15c. ....Pkt. 5c



COSMOS.



**DOUBLE COSMOS**—Similar in habit of growth to the Early Flowering Cosmos, bearing a fair percentage of flowers which have double crowns, which gives the flower a very dainty appearance. The colors are white, and pink. The single flowers, which this strain produces, are also very attractive. Mixed double pink, and white .....Pkt., 15c



COSMOS.

COSMOS EARLY FLOWERING.

**EARLY FLOWERING WOODSIDE COSMOS**—This strain produces its flowers from July until frost and blooms profusely in any soil. Grace, daintiness and brilliancy are the characteristics of this class. They are very pretty for vases and often last a week when cut. Pure white, pink and crimson in colors. All the colors mixed.  $\frac{1}{2}$  oz., 20c.....Pkt., 5c

**LADY LENOX**—The flowers are of extraordinary size up to 6 inches in diameter, color shell-pink. The plants are of very vigorous growth and most floriferous, attaining a height of 6 feet.  $\frac{1}{4}$  oz., 15c.....Pkt., 10c

**COWSLIP**—A beautiful hardy spring flowering perennial with flowers of different colors, such as yellow, brown edged yellow, etc. Particularly pretty when grown in good sized colonies in partially shaded situations. Height 6 inches.....Pkt., 10c

**CYPRESS VINE**—Popular summer-climbing annual with delicate dark green feathery foliage and abundance of bright star-shaped rose, scarlet and white blossoms. Height 15 ft. Mixed.  $\frac{1}{2}$  oz., 15c.....Pkt., 5c

**CYCLOPS PINKS**—New variety of Scotch Pink, producing an entirely new series of colors of exquisite beauty, enlivened by a large eye of velvety blood red. Has a sweet clove-like perfume. Single.  $\frac{1}{4}$  oz., 25c.....Pkt., 10c

**DAHLIA**—These magnificent flowers can be easily raised from seed and will bloom the first season.

**EXTRA CHOICE MIXED**—This mixture contains the largest and most showy varieties of all classes, decorative, show, peony-flowered, cactus-flowered and some of the finest large flowering single. However, the double sorts predominate in our mixture.....Pkt., 15c



DAHLIA CHOICE MIXED.

**DAHLIA FINE MIXED**—This mixture is composed from double flowering varieties mostly of the decorative type. Pkt. ....10c

**DAISY**—See Bellis, Brachycome, Chrysanthemum and Agathea.

**DATURA**—(Angel's Trumpet). Finest Mixed. This mixture contains all the best varieties such as Cornucopia or Horn of Plenty, Golden Queen, etc.  $\frac{1}{4}$  oz., 15c.....Pkt., 5c

## Delphinium

### HARDY PERENNIAL LARKSPUR

Delphinium is one of the loveliest blue flowers in existence, growing on tall straight spikes that overtop the rest of the garden and nod gently as the wind sways them. Of easy culture and perfectly hardy.

**BELLADONNA HYBRIDS** — Contains shades of the palest to the darkest blue and the various intervening shades of sapphire, turquoise, indigo, etc., are rich and beautiful beyond description. The plants are of dwarf growth and require no staking. They branch freely from the crown and bloom without intermission from early spring till late autumn.  $\frac{1}{4}$  oz., 40c;  $\frac{1}{2}$  oz., 65c.....Pkt., 15c

**FORMOSUM**—Deep gentian blue with white center. Very beautiful. Height 2 feet.  $\frac{1}{4}$  oz., 30c.....Pkt., 5c

**PILLAR OF BEAUTY**—(Delphinium Formosum Coelestinum). Charming delicate blue flowers on long spikes, 2 to 3 feet.  $\frac{1}{4}$  oz., 30c.....Pkt., 10c

**DELPHINIUM ELATUM** — (Bee Larkspur). Beautiful spikes of rich blue single flowers, of various shades with black centers. Perennial. Height 3 to 5 feet.  $\frac{1}{4}$  oz., 30c.....Pkt. 10c

**GIANT HYACINTH FLOWERED**—These plants grow 3 feet high with long spikes of giant flowers. The earliest flowering. Annual mixed colors. 1 oz., 25c.....Pkt., 5c

## Dianthus Pinks

Popular old-fashioned plants comprising many beautiful marked varieties of rich and varied colors. The plants bloom all summer and fall until frost.



DIANTHUS MOURNING CLOAK.

**MOURNING CLOAK** — Rich blackish crimson, tipped and fringed with snowy white. Large, double and handsome.  $\frac{1}{8}$  oz., 20c.....Pkt., 5c



DIADEM PINK.

**DIADEM PINK**—One of the most exquisitely marked of the Heddewigi varieties. Brilliant markings and dazzling colors.  $\frac{1}{8}$  oz., 20c.....Pkt., 5c

**IMPERIALS**—Strong, bushy grower, with large double flowers.  $\frac{1}{8}$  oz., 20c.....Pkt., 5c

**PRINCESS PINKS**—Large, fringed-edged flowers of different ground colors over which are dotted and blotched different contrasting colors. Very unique.  $\frac{1}{8}$  oz., 20c.....Pkt., 5c

**SPECIAL MIXTURE**—This mixture comprises all the best varieties of pinks, both double and single, annual and perennial.  $\frac{1}{8}$  oz., 20c.....Pkt. 10c

**DIANTHUS BARBATUS** — See Sweet William.



**DWARF LARGE DOUBLE FLOWERING—GRASS OR SPICE PINKS.** A highly improved strain of the popular old-fashioned grass pink. The flowers are large, very double and borne profusely on short stiff stems. The flowers are of many colors and markings including blood red, rose, maroon, purple, bluish, spotted, variegated, etc. In these pinks only the center is colored, the remainder being white or bluish with a band of color near the margins. The plants come into bloom fully two weeks earlier than the older types, grow about 1 foot high, are compact, vigorous and hardy, and bloom continuously during spring and summer. Highly fragrant.  $\frac{1}{8}$  oz., 35c.....Pkt., 15c

**JAPANESE GIANT WHITE** — Long spikes of clear white flowers.  
1 oz., 15c.....Pkt., 5c

**JAPANESE GIANT MIXED**—Purple and white. 1 oz., 15c.....Pkt., 5c

**BUSH DOLICHOS**—The plants grow compact, producing numerous spikes of snowy white flowers which are about an inch across. Of easiest culture. Height 25 inches.....Pkt., 10c

**ECHYNOCYSTIS LOBATA**—(Wild Cucumber vine). One of the quickest growing annual vines we know of. Height 30 feet. 1 oz., 15c.....Pkt., 5c

## Escholtzia

### (CALIFORNIA POPPY)

These beautiful little flowers are California's state flower, hence the name. They are of low spreading growth and are excellent as border plants or in masses. Sow the seed where the plants are to remain. Hardy annual.

**ROSY MORN**—Delicate frilled flower of beautiful primrose yellow hue.  
 $\frac{1}{4}$  oz., 15c.....Pkt., 5c

**BURBANK'S CRIMSON FLOWERING**—Beautiful carmine rose color, both on the interior and exterior of the flower.  
 $\frac{1}{2}$  oz., 30c; 1 oz., 40c.....Pkt., 5c

**BURBANK'S FIRE-FLAME**—Produces a profusion of flowers throughout the season which are wonderful in color, being a rare combination of lemon and rosy crimson in a perfect blend.  
 $\frac{1}{2}$  oz., 30c.....Pkt., 5c

**MANDARIN**—A beautiful deep orange.  
 $\frac{1}{2}$  oz., 15c.....Pkt., 5c

**SPECIAL MIXTURE**—This mixture includes over ten of the finest varieties, both double and single sorts, and is the most complete mixture of these charming annuals in existence.  
 $\frac{1}{2}$  oz., 25c.....Pkt., 5c

**ERYNGINUM AMETHYSTINUM** — (Sea Holly). Ornamental hardy plants, with finely cut, spiny foliage, and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets.  
Height 2 to 3 feet.....Pkt., 15c

**EUPHORBIA HETEROPHYLLA**—(Annual Poinsettia, Mexican Fire Plant, Painted Leaf). An annual resembling beautiful hothouse poinsettia. The plants are of branching bush-like form, with smooth glossy foliage. About midsummer the center top leaves of each branch turn a vivid orange scarlet. Height 3 to 4 feet.  $\frac{1}{4}$  oz., 15c..Pkt., 5c

**VARIEGATA**—(Snow on the Mountain or Mountain Spurge). Plants 2 feet high with beautiful foliage veined and margined with white. Grows wild in many parts of the West. Annual.  
Height 2 feet.  $\frac{1}{2}$  oz., 15c....Pkt., 5c

**EVERLASTING FLOWERS**—See Acroclinium, Gomphrena and Helichrysum.

**FEVERFEW**—See Matricaria and Pyrethrum.

**FORGET-ME-NOT**—See Myosotis.

**FOUR O'CLOCK**—See Mirabilis.

**FOXGLOVE**—See Digitalis.

**FUCHSIA**—Double and Single Mixed.

(Ladies' Eardrop). Well known house plant 2 to 4 feet high. Will bloom the first year if planted early.

1,000 seeds, \$3.25.....Pkt., 25c

## Garden and Farm Books

### FEEDING AND MANAGEMENT OF LIVE STOCK

Thomas Shaw. Cloth, 100 pages.\$0.50  
Paper ..... .25

### PHLOX MANUAL

C. S. Harrison. Illustrated, paper covers .....\$0.25

This book is a reliable guide for nurserymen and amateurs, setting forth correct methods of Phlox culture for pleasure and profit, in addition to the complete and detailed directions for the preparation of the soil, selection of varieties, planting, propagating, etc.

### PEONY MANUAL

C. S. Harrison. Illustrated, paper covers .....\$0.25

This is a practical manual covering all phases of the growth, care and marketing of the peony. It has enjoyed a very large sale in the past and the new edition, recently revised, will be recognized as a leading authority on peony culture for amateur and professional.

### FIELD CROPS

A. D. Wilson, Superintendent of Farmers' Institutes and Agricultural Extension, University of Minnesota, and C. W. Warburton, Agronomist, Bureau of Plant Industry, U. S. Department of Agriculture. Cloth, 12 mo., 544 pages, illustrated, \$1.50.

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#### HUSBANDRY

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H. R. Smith, Formerly Professor of Animal Husbandry in the University of Minnesota and previously of the University of Nebraska. Cloth, 12 mo., 413 pages, illustrated, \$1.50.



DIGITALIS.

**DIGITALIS**—(Foxglove). One of the most widely known and popular hardy plants. Its ease of culture and the mammoth spikes of splendidly colored flowers make them very desirable for use in borders or backgrounds for lower growing plants. Spikes grow to a height of 3 to 5 feet. Hardy.

**FINEST MIXED**—This mixture contains the Gloxiniaeflora and Montstrosa varieties, the most perfect types of this popular flower.  $\frac{1}{8}$  oz., 15c.....Pkt., 10c

**DRACANEA INDIVISA**—Ornamental leaved house plant with long narrow green foliage. 1 oz., 30c;  $\frac{1}{4}$  lb., 75c.....Pkt., 10c

**DIMORPHOTHECA AURANTIACA**—(African Golden Daisy). Rare and very showy annual from South Africa which has become a great favorite on account of its very easy culture and beautifully colored flowers. The flowers, which are more than  $2\frac{1}{4}$  inches across, are unique, rich, glossy, orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom.  $\frac{1}{8}$  oz., 20c.....Pkt., 10c

**DOLICHOS**—(Hyacinth Bean). A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods. Sweet scented. Sow seeds when the weather is real warm. Height 10 feet.



**GAILLARDIA**—(Blanket Flower). Showy and useful class of plants, flowering freely from early summer until frost. They are effective when grown in masses and are particularly adapted for vases, lasting a long time after being cut.



PERENNIAL GAILLARDIA.

**SPECIAL PERENNIAL MIXTURE**—This mixture contains the cream of the Gaillardia family including the choicest strains of Kelway's Hybrid. Gaillardias. Unexpected results may be obtained by planting a package.

¼ oz., 35c.....Pkt., 5c



GAILLARDIA ANNUAL.

**GAILLARDIA**—Mixed. Contains the Picta and Lorenziana varieties, double and single annual sorts.

¼ oz., 20c.....Pkt., 5c

**GAILLARDIA GRANDIFLORA NEW HYBRIDS**—Very large flowers, in a great variety of colors.....Pkt., 25c

**GERANIUM**—These grow readily from seed and produce blooming plants the first summer.

**LARGE FLOWERING MIXED**—This mixture includes the finest Zonale varieties with flowers of the most perfect form. A packet contains 50 seeds..15c

**GERANIUM ZONALE**—Seed saved from choice collection.....Pkt., 10c

**GERBERA** or **TRANSVAAL DAISY**—A new and entirely distinct plant of uncommon beauty with daisy-like blossoms from 4 to 6 inches across borne on long, stiff stems, unsurpassed as cut flowers, being of splendid lasting substance. They are half hardy perennials usually grown as greenhouse or window plants. Sown early in the spring, will bloom the following autumn. In the Northern states the plants should be lifted before frost and kept inside.

**SPECIAL MIXTURE** — Contains the French and German strains that have created a sensation in the floral world. Easily grown from seed...20 seeds 25c

**GEUM COCCINEUM, MRS. BRADSHAW** Hardy short growing perennial with large half double fiery scarlet flowers. Blooms profusely from early part of June until frost. Blooms resemble carnations and make fine cut flowers.

⅛ oz., 80c.....Pkt., 15c

**GLOXINIA**—Hybrida Grandiflora. Special Mixture. Our mixture contains the finest European strains and in quality cannot be excelled.

⅓ oz., \$1.75.....Pkt., 25c



GODETIA.

**GODETIA**—Godetias are not nearly well enough known and planted in America. Their beautiful, satiny, open flowers produce a magnificent effect in masses or borders covering a wide range of colors. Very easy to grow, succeeds well in shaded places. Hardy annual.

**FINEST MIXED VARIETIES**—¼ oz., 15c .....Pkt., 5c

**GYPSOPHYLA PANICULATA**—(Baby's Breath). Delicate free flowering little plants, covered with a profusion of star-shaped blossoms. Well adapted for hanging baskets and for mixing with other cut flowers.

¼ oz., 20c.....Pkt., 5c

**GYPSOPHYLA ELEGANS**—(Angel's Breath). White annual.

1 oz., 20c.....Pkt., 5c

**JAPANESE FLOWERING LAWN**—This is a mixture of carefully selected annual and perennial flowers together with beautiful ornamental grasses for sowing freely in waste places shrubberies, rockeries, covering large banks, etc., where they give a gay and cheerful appearance. They should be sown early in the spring or autumn, giving the seeds a slight covering after sowing by drawing a rake over the ground. Oz., 40c; ½ oz., 25c; 1 lb., \$1.00.

**ORNAMENTAL GOURDS**—These are luxurious, rapid growing annual climbers adapted to all purposes for which climbing plants are used and producing their ornamental fruits in great profusion. Height 10 to 20 feet.



GOURD NEST EGG.

**NEST EGG**—White egg-shaped fruits.

Pkt. ....5c

**TURK'S CAP**—Red, lower portion green, striped white.....Pkt., 5c

**PEAR-SHAPED**—Green, striped with cream. Pkt. ....5c

**LUFFA**—Dish-rag, Sponge or Bonnet Gourd. Pkt. ....5c

**SERPENT**—Fruit five feet long, striped like a serpent.....Pkt., 10c

**DIPPER-SHAPED**—Handsomely striped. Pkt. ....5c



GOURDS MIXED.

**SPECIAL MIXTURE**—This contains more than 20 different Ornamental Gourds.

1 oz., 15c .....Pkt., 5c

**SPOON**—A very odd shaped variety. Pkt. ....5c

**HERCULES CLUB**—Club shaped, four feet long .....Pkt., 5c

**ORANGE**—(Mock Orange). Orange shaped. Pkt. ....5c

**KNOB KERRIE**—The fruits are of fantastic shape, 3 feet long.....Pkt., 10c

**AFRICAN PIPE GOURD**—An annual climber producing fruits from which are made the Calabash pipes. 1 oz., 15c....Pkt., 5c





DOUBLE HOLLYHOCK.

**MPOMEA NOCTIFLORA**—(Giant Moonflower). One of the most showy of the annual climbers, easily reaching a height of 25 to 30 feet. At night and during dull days the plants are covered with large, pure white fragrant flowers 5 to 6 inches in diameter. 1 oz., 50c.....Pkt. 10c

**HELYCHRYSUM MONSTROSUM**—One of the best "Everlasting" flowers. The flowers are very large and double, making a fine display in beds or borders. Hardy annual. Height 2 feet. Finest mixed.....Pkt. 5c

**HELIANTHUS**—See Sunflower.

**HELIOTROPE**—Highly valued for the fragrance of their flowers and duration of bloom. Easily grown from seed, blooming first summer if sown early. Mammoth mixed. ¼ oz., 50c.....Pkt. 10c

**HIBISCUS, CRIMSON EYE**—Produces immense flowers of pure white, with a large crimson eye, measuring 7 inches across, and a plant has as many as fifty of them. It blooms from seed the first year. Height 4 to 6 feet. ¼ oz., 20c..Pkt. 5c

**HUMULUS or JAPANESE HOP**—An annual climber, rapidly covering arbors, walls, trellises, etc., resembling the common Hop, but is much more dense. Withstands heat, drought and insects.

**SILVER STRIPED JAPAN HOP**—Foliage splashed and streaked with white. ¼ oz., 15c.....Pkt. 5c

**GREEN LEAVED JAPAN HOP**—¼ oz., 15c.....Pkt. 5c

**HUNNEMANNIA FUMARIAEFOLIA**—(Bush Escholtzia, Giant Yellow Tulip Poppy). This most beautiful plant forms a shrubby bush 2 feet in height, with finely cut foliage and produces its large tulip-shaped bright yellow flowers on long stiff stems, from August till November. They keep in water for 2 weeks. Hardy annual. ¼ oz., 15c.....Pkt. 5c

**HYACINTH BEAN**—See Dolichos.

**IBERIS**—See Candytuft.

**ICE PLANT**—(Mesembryanthemum Crystallinum). Suitable for rock work, hanging baskets, etc. Foliage thick, frosted and wax-like. Half hardy annual. Height 6 inches.....Pkt. 5c

**IMPATIENS SULTANI**—(Zanzibar Balsam). Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and continuously. Flowers of brilliant rosy-scarlet color.....Pkt. 15c

**INCARVILLEA GRANDIFLORA**—A new plant from China, having a large tuberose root somewhat like a dahlia, the foliage appears in great spreading fern-like fronds and is highly ornamental. The flowers are borne on stems about 15 inches high and are of large size like a beautiful gloxinia and of a deep rich rose color. Flowers nearly all summer and is one of the most beautiful flowers in existence. Easily grown. A real floral gem. Requires light protection in winter. Strong roots. Each, 25c; 5 for \$1.00, postpaid. Seeds .....Pkt. 15c

## Hollyhock

One of our grandest summer and autumn flowering plants. Seed sown any time before midsummer will produce fine plants for flowering next year. To get results this season it is necessary to get year-old plants which we offer with other hardy plants elsewhere in this catalogue.

**DOUBLE WHITE.**

**DOUBLE BRIGHT RED.**

**DOUBLE BLACK.**

**DOUBLE YELLOW.**

**DOUBLE PINK.**

**FINEST MIXED**

Each of the above: ¼ oz., 25c.....Pkt. 10c

**EVERBLOOMING ANNUAL HOLLYHOCKS**—These Hollyhocks, unlike the old sorts, bloom the first season. Seed sown in March will begin to bloom early in summer. Choice mixture of colors. 1 oz., 50c.....Pkt., 5c

**MAMMOTH FRINGED HOLLYHOCKS**—(Allegheny). The flowers are from 4 to 6 inches across, single and semi-double, finely fringed and curled. The colors are white, shell-pink, ruby-red, crimson, maroon, etc. They bloom from June till frost and will bloom the first year from seed if sown early.

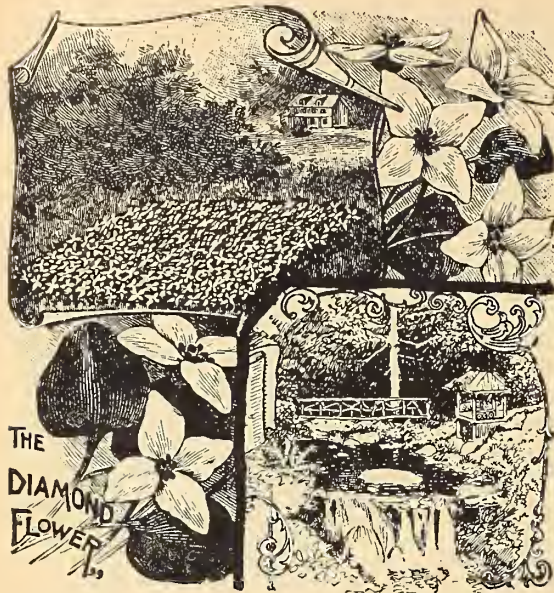
**FINEST MIXED**—¼ oz., 25c.....Pkt. 10c

## Ipomea

The Ipomea are climbers of rapid growth with beautiful and varied flowers, for covering walls, trellises, arbors, old trees, they are invaluable. The seed should be soaked in warm water before sowing to assist rapid germination.

**IPOMEA SETOSA**—(Brazilian Morning Glory). A very rapid growing vine, that forms a most dense and attractive screen. The flowers are rose-colored and measure 3 inches across and are borne in large clusters. 1 oz., 50c.....Pkt. 10c





IONOPSIDIUM ACAULE.

**IONOPSIDIUM ACAULE**

(Diamond Flower). A charming little plant for pot culture. Seeds sprinkled in a pot will bloom in a month. Annual. Height 3 inches.  $\frac{1}{8}$  oz., 35c. Pkt. 5c



MARIGOLD ELDORADO.

**BONA NOX**—(Evening Glory). Violet flowers, large and fragrant. 1 oz., 20c.....Pkt. 5c

**JAPANESE MORNING GLORY**—These are beyond question the handsomest of all Morning Glories. The flowers are of gigantic size.

**SPECIAL MIXTURE**—Flowers are streaked, marbled, mottled, striped and bordered in wonderful fashion and sometimes show rare markings of ash-gray, bronze, terra-cotta, brown and slate-blue. In variety of colors, large size of blooms no other strain of these beautiful climbers can equal our Special Mixture. 1 oz., 20c.....Pkt. 5c

**JOB'S TEARS**—See Coix Lachrymae.

**KENILWORTH IVY**—See Linaria.

**KOCHIA TRICOPHYLLA**—Summer Cypress. Height 2½ feet. Annual. 1 oz., 15c.....Pkt. 5c

**KUDZU VINE**—See Pueraria.

**LANTANA**—This is a showy bedding and basket plant of rapid growth, fine for pot culture in the winter or garden decoration in the summer. Verbena-like heads of orange, white, rose and other colored flowers. Tender perennial. Height 2 to 3 feet. Finest Mixed— $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**LARKSPUR**—See Delphinium.

**LATHYRUS LATIFOLIUS**—(Everlasting or Perennial Sweet Pea). The perennial pea is one of the hardiest and most easy cultivated species, thriving almost anywhere. A rampant grower, it is a good trellis plant and is adapted as a cover to wild rough places where it scrambles over bushes and stones. It succeeds in shade and grows rapidly. Very free flowering. Hardy perennial. Height 8 feet. Finest Mixed— $\frac{1}{2}$  oz., 30c.....Pkt. 5c

**LATHYRUS PINK BEAUTY**—Flowers pale pink.....Pkt. 5c

**LATHYRUS WHITE PEARL**—Flowers pure white.....Pkt. 5c

**LINARIA CYMBALARIA**—(Kenilworth Ivy). Hardy perennial trailing plant suitable for baskets, vases, pots and rock work. Flowers lavender and purple.  $\frac{1}{8}$  oz., 20c.....Pkt. 5c

**LINUM GRANDIFLORUM RUBRUM**—(Crimson Flax)...Pkt. 5c

**LOBELIA**—A most excellent and useful genus of plants, adapted for bedding, edging, pots, hanging baskets or rockeries. Seed should be covered lightly.

**CRYSTAL PALACE COMPACTA**—The finest for bedding, of compact, erect growth, deep blue.  $\frac{1}{2}$  oz., 25c.....Pkt. 5c

**HETEROPHYLLA MAJOR**—One of the best, coming into flower early and continuing to bloom till frost. The plants form dense globular bushes about 6 inches high and are completely covered with large flowers of most brilliant sky-blue with a clear white eye.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**LOBELIA CARDINALIS**—(Cardinal Flower). A native perennial, forming long spikes thickly set with bright crimson flowers. Thrives in shade and is very beautiful. Height 4 feet.  $\frac{1}{8}$  oz., 20c.....Pkt. 10c

**LUPINUS POL. ROSEUS**—A fine variety with sweetly scented light, and dark rose flowers on long spikes. Height 4 feet.  $\frac{1}{4}$  oz., 40c.....Pkt. 10c

**LUPINUS POL. ALBUS**—Large pure white spikes.

$\frac{1}{2}$  oz., 25c.....Pkt. 5c

**LUPINUS POL. BLUE CLOUD**—Beautiful long spikes of soft lavender-blue flowers, with upper petals shaded rose. Pkt. (25 seeds).....5c

**LUPINUS POL. NEW HYBRIDS**—These embrace many different colors, are perfectly hardy, and grow to the height of three to four feet.....Pkt. (25 seeds) 10c

**LUPINUS POLYPHALLUS MIXED**—(Lupine). Showy perennials, producing long racemes of pea-like flowers in great variety of color. 1 oz., 10c.....Pkt. 5c

**LYCHNIS CHALCEDONICA**—(Burning Star). Grows two feet high, producing flowers of the most imaginable beauty. Hardy perennial.  $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**LYCHNIS HAAGEANA HYBRIDA**—Finest of the Lychnis family. Colors varied. Height 1 foot. Mixed.  $\frac{1}{8}$  oz., 25c.....Pkt. 5c

**LYTHRUM ROSEUM SUPERBUM**—(Rose loose-strife). Hardy perennial, good for massing, flowers rosy lilac produced on long slender spikes. Height 3 feet.  $\frac{1}{4}$  oz., 15c....Pkt. 5c

**MARIGOLD-AGETES**—Old favorite of easy culture, with various colored beautiful double flowers and fine foliage. The tall varieties are fine for massing, the dwarf varieties are better suited for borders or pot culture. All varieties are excellent for cutting.

**ELDORADO**—Flowers very large, imbricated and extremely double in yellow shades. Height 2 feet.  $\frac{1}{4}$  oz., 10c..Pkt. 5c

**LEGION OF HONOR**—(Little Brownie). A single flowering variety forming compact bushes nine inches high. The flowers are golden yellow, marked with a large spot of crimson velvet. Blooms early.  $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**TALL VARIETIES MIXED**—Include the best colors and varieties.  $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**DWARF VARIETIES MIXED**—Contains the finest there is of dwarf growing Marigolds.  $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**MARVEL OF PERU**—(Four o'Clock, Mirabilis Jalapa). A handsome, free-flowering, half-hardy perennial, blooming the first season from seed, the flowers which are produced in clusters open in the afternoon. The colors are mostly crimson, white and yellow and violet. Our mixture contains a fine variety of colors. Oz., 10c;  $\frac{1}{4}$  lb., 20c.....Pkt. 5c

**MATRICARIA EXIMIA GOLDEN BALL**—Of compact habit, suitable for edging, with very striking double yellow flowers. Pkt. ....10c

**MATRICARIA CAPENSIS ALBA PLENA**—(Double White Feverfew). Free-flowering plants of bushy habit, bearing quantities of snow-white double flowers in dense clusters almost covering the plant. Fine for pot culture and for cutting. Tender perennial, blooming the first year from seed.  $\frac{1}{4}$  oz., 15c.....Pkt. 10c

**MAURANDIA**—Graceful climber for greenhouse, parlor, basket or out-of-door purposes, with rich purple, white and rose colored flowers. Sow the seed early. Tender perennial. Height 6 feet. Choicest mixed.  $\frac{1}{8}$  oz., 20c.....Pkt. 10c



# Mignonette Reseda

Well known, delightfully fragrant, hardy annual, blooming the entire season in the flower border. The following list includes the finest varieties for pot and garden culture.



**MIGNONETTE NEW YORK MARKET**—A strain which cannot be surpassed, for the greenhouse, producing immense flower spikes, of reddish green, sweetly scented. The seed we offer was saved for us by one of the largest growers of Mignonette for the New York market.  $\frac{1}{4}$  oz., \$2.00.....250 seeds, 25c

**MACHET**—The most popular and the best Mignonette for all purposes, either outside or inside. Ever-blooming, the flowers last till late in autumn. Highly fragrant. Our seed is the finest strain from a noted German specialist.  $\frac{1}{4}$  oz., 25c.....Pkt. 10c

**GOLIATH**—Forms pyramidal bushes of compact habit with rich green foliage bearing large spikes of flowers often measuring 6 to 8 inches long by  $2\frac{1}{2}$  inches in diameter. The giant florets are fire-red and contrast effectively against the healthy rich green foliage.  $\frac{1}{2}$  oz., 15c.....Pkt. 10c

**BISMARCK**—A highly improved Machet. The flowers are pyramidal in shape, well covered and highly perfumed. The foliage is dark green and slightly crumpled. This is a fine variety for pot culture and equally suitable for bedding.  $\frac{1}{2}$  oz., 15c.....Pkt. 15c

**ALLEN'S DEFIANCE**—When grown under favorable conditions the spikes will be from 12 to 15 inches long and highly fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. For cutting it is perfection, remaining fresh for 8 to 10 days in water.  $\frac{1}{8}$  oz., 15c.....Pkt. 10c

**SWEET SCENTED**—This is the old original type with small spikes but with very powerful and lasting fragrance. Per oz., 15c.....Pkt. 5c

**MIMOSA PUDICA**—(Sensitive Plant). An interesting annual. Its leaves close and drop when touched, hence its name. Height 1 to 2 feet.....Pkt. 5c

**MIMULUS MOSCHATUS**—(Musk Plant). Fine for hanging baskets, fragrant foliage, yellow flowers. Half hardy perennial. Height 6 inches.  $\frac{1}{8}$  oz., 20c.....Pkt. 5c

**TIGRINUS**—(Money Flower). The finest tigered and spotted varieties, rivaling the Calceolaria in its bright colors. Mimulus thrives best in a moist and shady place. Finest mixed.  $\frac{1}{8}$  oz., 30c.....Pkt. 5c

**MOMORDICA BALSAMINA**—(Balsam Apple). An annual climber with yellow blossoms and beautiful foliage. The fruits when ripe burst suddenly open, scattering its seed and showing a brilliant carmine interior. Fine for trellises. Half hardy annual. Height 10 feet.  $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**MOON FLOWER**—See Ipomea.

**MORNING GLORY**—For covering dead trees, trellises and fences, etc., there is nothing more useful than the Morning Glory. The plants are of quick growth, and attain a height of 15 feet or more, and bear profusely bell-shape flowers of both brilliant and delicate tints. We offer the following separate colors: White, Rose, Crimson, Striped, Blue and Lilac. Pkt. of any color, 5c; oz., 10c. Mixed: Pkt., 5c; 1 oz., .....10c

**MORNING GLORY DOUBLE SNOW BALL**—The plant is vigorous, frequently attaining a height of 12 or more feet. The flowers are produced early and abundantly until frost. The main charm lies in the purity, and the quaintness of its blossoms, which are snow-white, and curiously formed, really a flower within a flower. 1 oz., 35c.....Pkt. 10c

**MORNING GLORY**—See Ipomea.

**MYOSOTIS DISSITIFLORA**—One of the best of all myosotis. Of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of fine azure blue flowers. Perfectly hardy, valuable for spring bedding, also fine for pot plants, as it forces easily..Pkt. 10c

**MYOSOTIS VICTORIA**—A popular sort, with fine heads of large, clear azure-blue flowers. Plants bushy, and compact. Fine for edging of beds.....Pkt. 10c



MYOSOTIS DISSITIFLORA.

**ALPESTRIS BLUE**—Of trailing habit.  $\frac{1}{4}$  oz., 15c.....Pkt. 5c

**PALUSTRIS**—The true Swamp Forget-Me-Not.  $\frac{1}{8}$  oz., 20c.....Pkt. 5c

**RUTH FISHER**—This is the finest of all Forget-Me-Nots. The plants are of compact habit with glossy dark green foliage, the sturdy flower stems bearing large clusters of immense lovely blue flowers  $1\frac{1}{2}$  inches across. This Forget-Me-Not took first prize wherever exhibited.....Pkt. 25c

6/9/17

I was well pleased with your seeds and they were good seeds. I expect to take a larger order next time.

Yours truly,

JOHN BERGMANN,  
Quincy, Ill.



## Nasturtiums

### TROPAEOLUM NANUM

The Nasturtium is one of the popular flowers of the present time and is continuously growing in favor. The dwarf varieties are very useful for bedding, massing or ribboning; the tall sorts are especially adapted to the covering of unsightly places, for window boxes or hanging baskets. They furnish the greatest abundance of long lasting sweet-scented cut flowers. Hardy annuals.



### DWARF OR BEDDING DARK LEAVED VARIETIES

- AURORA**—Primrose, veined carmine pink.  
**BEAUTY**—Light scarlet, green foliage.  
**GOLDEN KING**—Pure golden yellow.  
**EMPRESS OF INDIA**—Fiery crimson, dark foliage.  
**KING THEODORE**—Velvety red flowers, dark foliage.  
**KING OF TOM THUMBS**—Dark scarlet, dark leaves.  
**CRYSTAL PALACE GEM**—Sulphur, maroon blotches.  
**BRONZE**—Bronzy orange.  
**CHAMELEON**—Various colors on one plant.  
**PEARL**—Creamy white.  
**PRINCE HENRY**—Cream spotted and red tipped.  
**RUBY KING**—Ruby red, dark leaved.  
**GENERAL JAQUEMINOT**—Gloving crimson-scarlet.  
**RUDOLPH VIRCHOW**—Soft rosy-pink.  
**VESUVIUS**—Salmon-rose, dark foliage.  
**PRICE**—Any of the above Dwarf Dark Leaved varieties, 5c per pkt.; 10c per oz.; ¼ lb., 25c; 1 lb., 80c, postpaid.  
**FINEST MIXED**—Includes all the above dark leaved varieties. Per pkt., 5c; per oz., 10c; ¼ lb., 20c; 1 lb., 70c, postpaid.  
**COLLECTION**—A packet of each of the fifteen varieties, 50c, postpaid.

### DWARF NASTURTIIUMS—FANCY LEAVED VARIETIES

- CLOTH OF GOLD**—The foliage is of bright golden-yellow, the flowers are intense scarlet.  
**GOLDEN QUEEN**—Bushes of round form only about 6 inches high with small light golden green leaves. The flowers are a rich tint of glowing orange yellow.  
**GOLDEN MIDNIGHT**—Compact bushy plants of round form growing only about 6 inches high, with light yellow foliage. The flowers are such intensely deep maroon as to seem almost black. The contrast between the light colored foliage, and the dark flowers is striking.  
**SCARLET QUEEN**—The foliage is most beautifully marbled and mottled, the flowers glowing scarlet. The bush is of perfectly round form and not over 7 inches.  
**GOLDEN QUEEN, GOLDEN MIDNIGHT and SCARLET QUEEN** are Miniature or Lilliput types of very dwarf and compact growth that originated from the tall T. Lobbianum. They have smaller leaves and somewhat smaller blossoms and are strikingly handsome and useful for bedding or pot culture.  
**PRICE**—Any of the above fancy leaved varieties, 5c per pkt.; 20c per oz.; 45c per ¼ lb., postpaid.

### TALL OR CLIMBING NASTURTIIUMS

- BLACK PRINCE**—Velvety black flowers, intensely dark foliage, extremely showy.

**BUTTERFLY**—Light lemon-color, distinctly marked on the three lower petals with a blotch of terra-cotta red. The two upper petals marked in shades of bright red.

**CHAMELEON**—Flowers of most diversified coloring and many brilliant markings on a single plant.

**COQUETTE**—The flowers vary so greatly from each other that it is impossible to find any two alike.

**DUNNET'S ORANGE**—Deep orange, marked with crimson blotches.

**GOLDEN CLOTH**—Flowers scarlet, foliage golden-yellow.

**HEINEMANNI**—An old and unique chocolate color.

**JUPITER**—Clear rich golden-yellow. Individual flowers are nearly 3 inches across.

**PEARL**—Pale lemon-yellow.

**PRINCE HENRY**—Light yellow, brightly marked with carmine blotches.

**REGELIANUM**—The best rich crimson.

**RUDOLPH VIRCHOW**—Most beautiful flowers of a rosy pink coloring, backed with a bright yellow calyx and spur.

**PRICE**—Any of the above Tall varieties, 5c per pkt.; 10c per oz.; 30c per ¼ lb., postpaid.

**COLLECTION**—A packet of each of the twelve varieties, 40c postpaid.

**TALL MIXED**—(Tropaeolum Majus). Choicest varieties. Oz. 10c; ¼ lb., 20c; 1 lb., 60c, postpaid.

**LOBB'S MIXED**—(Tropaeolum Lobbianum). These have a little smaller leaves than the Tall Nasturtiums, richly colored and strong growers. Oz., 10c; ¼ lb., 25c; 1 lb., 75c, postpaid.  
 Pkt. ....5c

**MADAM GUNTHER'S HYBRIDS**—A most beautiful strain of climbing Nasturtium, remarkable for richness and variety of colors, embracing velvety dark maroon, scarlet salmon, pink, rose, light yellow, deep orange, as well as most showy striped and blotched varieties.  
 Oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.....Pkt. 5c

**TALL IVY LEAVED NASTURTIIUM**—Of strong, vigorous growth with rich deep green foliage similar in shape to the well known English Ivy. A very attractive vine. Many colors mixed. Oz., 10c; ¼ lb., 35c, postpaid.....Pkt. 5c

**NICOTIANA AFFINIS HYBRIDA**—New hybrids with very large flowers measuring 1½ to 2 inches across, of various colors with the same sweet fragrance, robust growth and floriferousness of the old Nicotiana Affinis. The plants are literally covered with bloom and a single plant produces thousands of blossoms in a season. Planted in groups, they present a most striking appearance. Tender annual.  
 Height 3 feet. Mixed colors. ¼ oz., 15c.....Pkt. 10c

**NICOTIANA SANDERAE**—Mixed. ¼ oz., 20c.....Pkt. 10c

**AFFINIS**—Three feet high, with hundreds of fragrant blossoms borne for months. Pure white and very sweet.....Pkt. 5c

**NIGELLA**—(Love in a Mist or Devil in the Bush). Pretty hardy annuals, with fine feathery foliage, and curious looking seed pods. Many varieties mixed. ¼ oz., 10c.....Pkt. 5c

**OXALIS ROSEA MIXED**—A charming small plant for edgings or pots, blooms all summer in the greatest profusion. Easily raised from seed. Colors, dark rose, delicate pink and white. Mixed. ⅛ oz., 30c.....Pkt. 5c

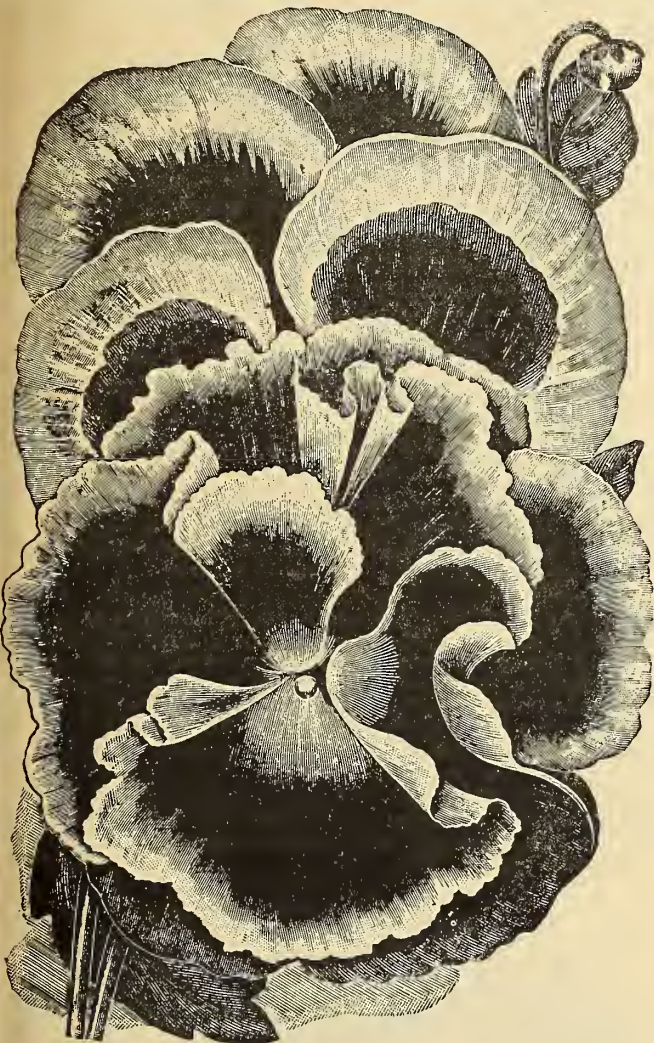


# Giant Pansies

## VIOLA TRICOLOR MAXIMA

The Pansy is one of the oldest and most popular of garden flowers. It is a most interesting plant because extremely handsome and variable. In brilliancy of coloring and arrangement of colors no other flower equals it. With us, Pansies are a specialty and we firmly assert that no firm in the world can offer a superior strain of seed.

**CULTURE OF PANSIES**—Pansies thrive best in a cool moist well enriched and loose soil. Seed sown in spring in a partially shaded situation will produce fine plants for autumn flowering. The finest blooms are to be obtained by sowing in July or August, giving the plants protection during winter, when they will bloom profusely in the spring and summer.



Giant Pansy.

## Pansy De Giorgi's BEST AND LARGEST

This mixture represents the cream of Europe's most noted pansy breeder. The flowers are perfectly shaped and well rounded, borne on strong stiff stems, the petals thick and velvety, a large percentage of flowers have petals fluted or semi-double at the edges, the plants are robust and healthy, of neat compact growth, blooming most profusely, in every imaginable color. While every solid color is represented there are also all possible shades of each one, five spotted on background of every color, edged or bordered flowers of various colors, striped, marbled, old-veined, etc. In size of flowers, brilliancy of coloring and arrangement of colors there is nothing that would surpass our mixture and there are but few mixtures on the market that come near our Mixture. If you are growing Pansies for profit we will pay you to try our Pansy Seed.  $\frac{1}{8}$  oz., 80c;  $\frac{1}{4}$  oz., \$1.50;  $\frac{1}{2}$  oz., \$2.75; 1 oz., \$5.00; pkt., 15c.

**ARISIAN MIXTURE**—This mixture is put up by ourselves and contains nearly thirty different varieties of Giant-flowering Pansies and embraces all colors known in Pansies. It is a mixture of a high quality and will be found very superior.  $\frac{1}{8}$  oz., 50c;  $\frac{1}{4}$  oz., \$1.75; 1 oz., \$3.25.....Pkt. 10c

**BUGNOT GIANT MIXTURE**—Extremely large flowers, broad blotches, and from the large spots extend delicate pencillings to extreme edges of petals.  $\frac{1}{8}$  oz., 75c.....Pkt. 15c

**MASTERPIECE**—Large flowers, the border of every petal being conspicuously curled and fluted. The plants are very free-flowering, and the numerous blossoms comprise many new tints and colors.  $\frac{1}{8}$  oz., 50c.....Pkt. 15c

**GIANT STRIPED**—A strain made up of various colors, all elegantly and grotesquely striped and variegated.....Pkt. 10c

**KING OF THE BLACKS**—Almost black, of truly giant size.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**GIANT ADONIS**—Light blue, very beautiful.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**PRINCE HENRY**—Darkest blue, extra large and fine.  $\frac{1}{8}$  oz., 40c.....Pkt. 10c

**VULCAN**—Dark red with five large black spots, petals fluted, extra.  $\frac{1}{8}$  oz., 65c.....Pkt. 10c

**GIANT MAUVE QUEEN**—New. Slate or mouse color.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**GIANT GOLDEN QUEEN**—Pure rich yellow.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**MME. PERRET**—Edge of petals are frilled. The colors are dark vine, pink and red, beautifully veined and all with a white margin. Extra large flowers, very showy.  $\frac{1}{8}$  oz., 40c.....Pkt. 10c

**GIANT SNOW QUEEN**—Pure white, small yellow eye.  $\frac{1}{8}$  oz., 40c.....Pkt. 10c

**BEDDING PANSIES**—While not so large flowering as the Giants, they are somewhat free-flowering and on this account are much used for bedding. The colors are rich and varied.  $\frac{1}{4}$  oz., 35c;  $\frac{1}{8}$  oz., 20c.....Pkt. 5c

**ATROPURPUREA**—Dark purple, fine for ribboning.  $\frac{1}{8}$  oz., 25c.....Pkt. 5c

**AURORA**—Pure white. Satiny white. Very fine.  $\frac{1}{8}$  oz., 25c.....Pkt. 5c

**SNOW QUEEN**—(Candidissima). Satiny white, very fine.  $\frac{1}{8}$  oz., 25c.....Pkt. 5c

**PRESIDENT WILSON**—Brilliant ultramarine blue.  $\frac{1}{8}$  oz., 25c.....Pkt. 5c

**CARDINAL**—The nearest approach to red.  $\frac{1}{8}$  oz., 25c.....Pkt. 5c

**TUFTED PANSIES**—The blossoms are not as large as those of the Giant Pansies. Highly esteemed on account of their delightful fragrance. The plants are dwarf and compact, producing flowers on long stems and they appear from early spring until late fall. The range of colors runs through white, buff, canary and azure blue. Valuable showy border and rock garden plants. Hardy perennial.  $\frac{1}{8}$  oz., 50c.....Pkt. 10c

**EARLY FLOWERING MIXED**—These bloom about four weeks earlier than the old varieties. The blooms are fairly large averaging  $1\frac{1}{2}$  inches across. The plants grow to a height of 6 inches. The colors are many and quite varied.....Pkt. 15c

**PAPAYER**—See Poppy.

**PASSIFLORA**—(Passion Flower). A beautiful, tender climbing vine with large blue and white flowers.....Pkt. 10c

**PELARGONIUM**—See Geranium.

**PENTSTEMON**—New Large Flowering. A new race of Pentstemon with large gloxina-like flowers that are 2 inches across borne on long stems. The colors and markings are gorgeously varied from pure white, pink, rose and crimson to mauve and purple, including many which are beautifully edged with a fine contrasting color. They will bloom the first year from spring-sown seed. Perennial. Height 2 feet.  $\frac{1}{8}$  oz., 25c.....Pkt. 10c

**PLATYCODON**—(Chinese Bellflower). Very handsome hardy perennials with beautiful large bell-shaped flowers. When in bud state they are inflated like balloons.

**GRANDIFLORUM**—Very large, deep blue cupped, star-shaped flowers. It flowers the first year from seed. Height 3 feet.  $\frac{1}{8}$  oz., 25c.....Pkt. 10c

**PLATYCODON MARIESI**—Large open bell-shaped flowers, of a rich violet blue, plant dwarf, and compact. Height 1 foot.  $\frac{1}{8}$  oz., 30c.....Pkt. 10c

**PLATYCODON COERULUM PLENUM**—Large glossy, deep blue flowers, very showy.....Pkt. 10c



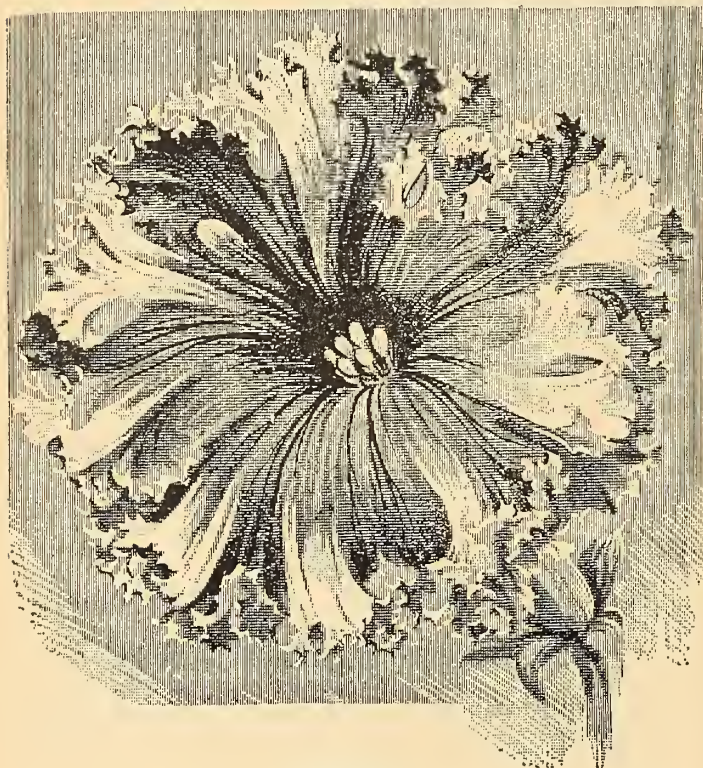
## Giant Double Flowering Petunias

While a fair percentage of Double Petunia seed will produce double flowers, some will not, but the singles will be of unusually fine quality, richly colored and finely marked. The weaker seedlings should be carefully saved as these generally produce the finest double flowers. Our mixture is composed of the best and largest strains grown.  $\frac{1}{8}$  oz., \$3.50.....Pkt. 30c

### SINGLE GIANT FLOWERING PETUNIAS

**FRINGED PERFECTION**—A strain of incomparable beauty; flowers are finely fringed measuring 4 to 5 inches in diameter, colors rich and brilliant.  $\frac{1}{8}$  oz., \$2.00.....Pkt. 15c

**GIANT RUFFLED**—The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with charming deep throats of various shades.....Pkt. 25c



PETUNIA.

**GIANTS OF CALIFORNIA**—A strain with blooms of immense size. The flowers frequently measure more than 5 inches in diameter, while the colors are indescribably rich and varied. Most of the flowers are beautifully fringed and have a large open throat. All very superbly marked and veined especially in the throat portion, and in many the throat is darker than the outer portion of the petals, imparting a rich velvety effect to the flower.  $\frac{3}{8}$  oz., \$2.25..Pkt. 25c

## Bedding Petunias

Bedding varieties are unsurpassed for massing, producing a multitude of flowers all summer long. The strains we offer grow only about 9 inches high. The plants are dense and bushy and they will be found splendid for garden beds, ribboning and pots.

**GLORIA**—New. The flowers are brilliant carmine and appear in great abundance.  $\frac{1}{8}$  oz., 25c.....Pkt. 10c

**DWARF INIMITABLE**—Regular white stars on deep old rose ground. Splendid for bedding in masses. Plants grow about 8 inches high.  $\frac{1}{8}$  oz., 15c.....Pkt. 5c

**ROSY MORN**—Of compact bushy growth, literally covered through the entire season with open-throated flowers  $1\frac{1}{2}$  inches in diameter. Throat silvery-white, outer edge heavily shaded soft rose pink. A grand bedding variety. Height 15 inches.  $\frac{1}{8}$  oz., 25c.....Pkt. 10c

**DWARF SNOWBALL**—The dwarf bushy plants produce profusely pure white flowers.  $\frac{1}{8}$  oz., 25c.....Pkt. 5c

**FINE MIXED**—Many fine varieties mixed.  $\frac{1}{8}$  oz., 20c..Pkt. 5c

**PHYSOSTEGIA VIRGINICA**—A hardy perennial plant forming dense bushes 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers of rare beauty .....Pkt. 10c

**PHEASANT'S EYE PINK**—See *Dianthus Plumarius*.

**PERILLA NANKINENSIS**—A hardy annual. Used in ornamental gardening. 1 oz., 30c.....Pkt. 5c

## Annual Phlox

They make a very good border or summer hedge and should be planted each color in a separate bed or in ribbon fashion; its constant blooming making it desirable for these purposes. In selecting the plants get a good contrast of color, as white, scarlet and rose. The seed may be planted in the open ground when the ground becomes warm. Set the dwarf kinds about 8 inches apart, others at least 1 foot apart.

## Dwarf Phlox

### DRUMMONDI NANA COMPACTA

Unsurpassed for edgings and ribbon beds and valuable as a pot plant. They grow about 8 inches in height, forming dense masses of bloom all summer. Plant 8 inches apart.

**CHAMOISROSA**—Salmon pink.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**FIREBALL**—The darkest colored red.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**SNOWBALL**—Pure white.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

**MIXED**—Contains a very large variety of colors.  $\frac{1}{8}$  oz., 35c.....Pkt. 10c

## Select Large Flowering Varieties

### PHLOX DRUMMONDI GRANDIFLORA

**ALBA**—Snow white.  $\frac{1}{8}$  oz., 15c.....Pkt. 5c

**COCCINEA**—Fiery scarlet.  $\frac{1}{8}$  oz., 15c.....Pkt. 5c

**VIOLACEA**—Violet-blue.  $\frac{1}{8}$  oz., 15c.....Pkt. 5c

**ROSEA**—Bright rose.  $\frac{1}{8}$  oz., 15c.....Pkt. 5c

**GRANDIFLORA MIXED**—The finest of all annual Phloxes, with largest heads of bloom as well as the largest individual flowers. Plant a foot apart. Height 15 inches.  $\frac{1}{8}$  oz., 15c.....Pkt. 15c

**PERENNIAL PHLOX**—*Phlox decussata*. This is one of the most popular and magnificent herbaceous plants. Produces immense trusses of large brilliant flowers of numberless hues and blooms freely all summer. Our mixture contains improved strains forming extra large perfectly round flowers, with petals overlapping each other. The seed of this germinates slowly, often requiring 5 to 6 months. Mixed.  $\frac{1}{8}$  oz., 30c;  $\frac{1}{2}$  oz., 50c.....Pkt. 10c

**PHYSALIS FRANCHETTI**—(Chinese Lantern Plant). Strikingly handsome perennial plant producing balloon-like husks, which turn bright red when ripe and resemble Chinese paper lanterns.  $\frac{1}{4}$  oz., 25c.....Pkt. 10c



SHIRLEY  
POPPY.

**POPPY IMPROVED SHIRLEY**—Crushed satin-like flowers of immense size often 3 to 4 inches across. Colors range from bluish-white, delicate pink, rose and carmine to bright sparkling crimson, occasionally blotched and streaked with white. This is a great improvement over ordinary Shirleys.  $\frac{1}{4}$  oz., 10c;  $\frac{1}{2}$  oz., 15c; 1 oz., 25c.....Pkt. 5c

**ADMIRAL**—Very beautiful, single flowered variety. The flowers are large, smooth edged, of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a striking contrast and when planted in groups produce a grand effect. Oz., 20c.....Pkt. 5c



**GOLDEN GATE**—A splendid variety, the flowers are double and semi-double, in great variety of colors. 1 oz., 20c....Pkt. 5c

**WHITE SWAN**—The flowers are of immense size, double, beautifully fringed, and of purest white. The plants are of dwarf growth attaining a height of about 2 feet. 1 oz., 20c....Pkt. 5c

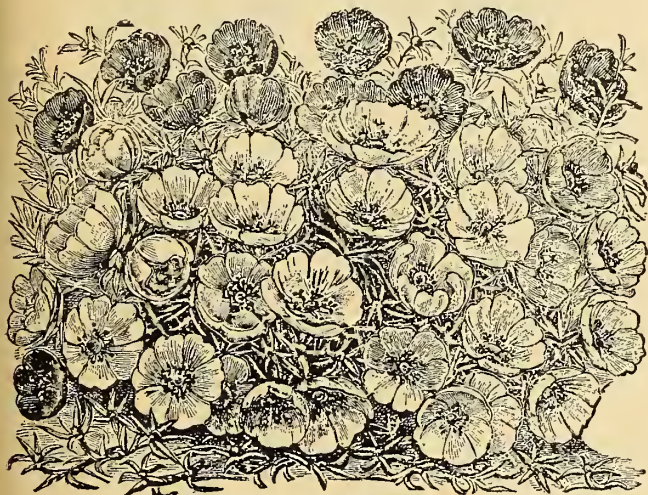
**GIANT DOUBLE POPPIES**—A superior new variety of annual Poppies growing about 30 inches high and bearing a profusion of immense double flowers 4 to 5 inches in diameter almost rivaling the peony in beauty. Some of these flowers have wide, round, smooth-edged petals, the petals of others are elegantly fringed and laciniated and are of bewitching beauty. The colors are the most charming to be found in any flowers. There is nothing more gorgeous than these Giant Double Poppies and there are few flowers easier to grow. ¼ oz., 15c....Pkt. 10c

**NUDICALE**—Single Mixed Iceland Poppy. A hardy perennial, blooming the first season from seed. The colors range from the purest white to the deepest orange scarlet and have a delicious fragrance. ¼ oz., 25c....Pkt. 10c

**SPECIAL MIXTURE**—A mixture of all the best and selected strains of singles and doubles. The great variety of color and size of flower renders this mixture superior to any other. ½ oz., 10c; 1 oz., 15c....Pkt. 5c

**GIANT ORIENTAL POPPY**—(*Papaver Orientale*). The most exotic looking and handsomest of our garden perennials. The sight of a Poppy clump in the sunlight is a dazzling thing, making the breath catch in the throat. The flowers are of enormous size and the most splendid colors and shades of heavy satiny texture, on hairy thick stems about 3 feet high. Perfectly hardy.

**MIXED HYBRIDS**—Seed saved from mammoth-sized flowers. ⅛ oz., 20c; ¼ oz., 35c....Pkt. 10c



PORTULACA SINGLE MIXED.

**PORTULACA**—(*Rose Moss*). There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of brilliant colored Portulacas. They grow and bloom profusely from early summer till autumn in a dry hot situation where almost any other plant would soon die. Indispensable for bordering walks and ribboning. They can be transplanted even in full bloom. Colors range through innumerable shades of red, yellow, pink, striped, white, etc. Half hardy annual.

**DOUBLE ROSE FLOWERED**—Mixed. ⅛ oz., 65c....Pkt. 10c

**LARGE FLOWERING SINGLE MIXED**—¼ oz., 30c....Pkt. 5c

**POINCIANA GILLESII**—Bird of Paradise Flower. A small tree, native of the oriental tropics, having very showy flowers of orange and scarlet. Not hardy in the North. Easily raised from seed....Pkt. 10c

### CHINESE PRIMROSE

This is one of the most charming winter flowering house plants. May be raised very easily from seed by following the cultural instructions on the packet. Leaves are rich green and prettily cut, flowers stand well above the foliage in umbels and have a delicate odor peculiarly their own.

**COVENT GARDEN WHITE**—English grown.....100 seeds 25c

**ORANGE KING**—Bright yellow.....100 seeds 25c

**GIANT PINK**—English grown.....100 seeds 25c

**IMPROVED CHISWICK RED**—English grown.....100 seeds 25c

**TRUE BLUE**—English grown.....100 seeds 25c

**PHIMULA JAPONICA HYBRIDA**—Mrs. Scott Elliott's Strain of Hybrids—This is the finest strain ever offered and is the result of many years careful artificial hybridization. The plants are extremely robust, stems carrying fine heads of bloom, frequently attaining a height of 3 feet and over. The leaves are very large and handsome; the colors range from pure white, through all shades of pink to deep crimson. Without doubt the brightest and most magnificent of all the various Primulas, and a plant of very stately growth. Pkt. ....25c

**PRIMULA OBCONICA GIGANTHEA**—New. This new Giant Obconica race is rivaling the Chinese Primrose in size of flowers which measure about 1½ inches across thus equaling in dimensions those of their Chinese rivals with added merit of being easier grown and having a longer duration of bloom. The colors are white, pink, crimson, rose, lilac, violet, etc. ⅓ oz., \$2.25....Pkt. 20c

**PRIMULA SINESIS FIMBRIATA**—(Fringed Chinese Primrose). Chinese Primrose is one of the finest plants for winter and spring blooming in the house or conservatory; they do well in a cool room and in a north window. Tender perennial. ⅓ oz., \$2.00....Pkt. 25c

**PRIMULA MALACOIDES**—New Improved Baby Primrose. This is the freest-flowering of all Primulas. The plants form tufts of light green leaves from which numerous wiry stems about 10 inches in height gracefully carry worlds of flowers over half an inch across. Easily raised from seed and flowering in about 4 months from sowing. Cool situation indoors suits them best. ½ oz., \$1.00....Pkt. 20c

**ENGLISH PRIMROSE**—(*Primula Vulgaris*). The wild English flower, color light canary yellow, fragrant. Hardy perennial. Excellent for naturalizing in shaded nooks.....Pkt. 10c

**COWSLIP**—(*Primula Veris*). A pretty low growing, spring flowering plant for borders or pots. Colors include shades of yellow, brown, etc. Choice mixed. ⅛ oz., 30c....Pkt. 10c

**AURICULA**—(*Primula Auricula*). Fragrant hardy perennial. Many rich colors. An extremely free bloomer and a favorite. Height 6 inches. ⅛ oz., 90c....Pkt. 10c

**PUERARIA THUNBERGIANA**—(Jack and the Bean Stalk or Kudzu Vine). A perfectly hardy perennial climber, producing violet papilio flowers in large clusters. It is of wonderful strong growth and will flourish where nothing else will grow. Height 50 feet. ½ oz., 25c....Pkt. 10c

**PYRETHRUM HYBRIDUM**—Very handsome and valuable hardy perennial plants of easy culture. A grand cut flower.

**ROSEUM KELWAY'S HYBRIDS**—The flowers of this strain grow to an enormous size of 12 inches in circumference and present all the beautiful variations of color between light rose, pink and deep carmine. An excellent cut flower. ⅛ oz., 50c....Pkt. 25c

**PYRETHRUM AUREUM**—(Golden Feather). Probably the finest of all perennial plants suitable for edgings, carpet bedding, ribboning, etc. Perfectly hardy, forming neat graceful bushes about 6 inches in height. The foliage is of attractive yellow color, very handsome. Not near as much planted in America as it deserves. ¼ oz., 15c....Pkt. 5c

**ULIGINOSUM**—Large giant daisy-like flowers, in great profusion. ½ oz., 30c....Pkt. 10c

**RUDBECKIA PURPUREA**—Large handsome crimson-purple flowers, with dark disc. Height 3 feet.....Pkt. 10c

**RUDBECKIA FULGIDA**—An effective hardy perennial variety, producing in masses during August and September brilliant orange-yellow flowers. Height 3 feet.....Pkt. 10c

### FLOWER SEEDS IN QUANTITY

We shall be pleased to quote prices on larger quantities than are quoted in this catalogue.



**RICINUS**—(Castor Oil Plant, Palma Christi). A showy ornamental foliage plant for bedding, attaining a height from 5 to 10 feet and producing large palm-like leaves.



RICINUS OR CASTOR BEAN.

**BORBONIENSIS**—Immense plants with green foliage. Height 15 feet.

Oz., 15c; 1 lb., \$2.00.....Pkt. 5c

**HYBRIDUS PANORMITANUS**—This forms a huge symmetrical bush of wonderfully ornamental aspect. Leaves and stalks bronze-maroon. Height 5 to 7 feet.

Oz., 25c.....Pkt. 10c

**ZANZIBARIENS**—(Zanzibar Castor Oil Plant). The gigantic leaves, 2 feet and 1 foot across and the great size of the plant, surpass any other known Ricinus. Mixed varieties with green, brown or purplish leaves. Oz., 10c.....Pkt. 5c

**SANGUINEUS**—1 lb., 75c.....Pkt. 5c

**CAMBODGENSIS**—Very dark.

1 lb., \$2.00.....Pkt. 5c

**MIXED**—1 oz., 10c; ¼ lb., 20c;

1 lb., 70c.....Pkt. 5c

**SALVIA SPLENDENS**—(Scarlet Sage). One of the most gorgeous flowers blooming throughout the summer and fall. The plants grow 3 feet in height and are completely covered with scarlet flowers.

1 oz., \$1.50.....Pkt. 10c

**BONFIRE OR CLARA BEDMAN**—Of compact growth forming oval bushes covered by flower spikes of a brilliant scarlet, clear above the foliage. Brilliantly effective for bedding either planted alone or in front of other plants. Height 2 feet. ½ oz., 40c;

1 oz., \$2.25.....Pkt. 10c

**ZURICH**—This magnificent variety blooms earlier than any other Salvia and the flowers are produced in such great numbers that they cause the spikes to droop gracefully with their weight. The flowers are of a brilliant dazzling scarlet, and borne in endless profusion all summer and fall. The bushes grow to a height of 3 feet and are about 3 feet through and bloom from ground to summit. A row of these Salvias presents a most gorgeous effect. Height 2½ feet.

½ oz., 55c; 1 oz., \$3.25.....Pkt. 15c

**DROOPING SPIKES**—Extra large flowering, the spikes are very long and heavy, causing them to droop by their own weight. A splendid variety. Height 2½ feet. ½ oz., 40c; 1 oz., \$2.25.....Pkt. 10c

**PATENS**—Ultramarine blue, beautiful flowers. Tender perennials; the roots may be wintered over inside like Dahlias. Height 2 feet.

½ oz., 95c.....Pkt. 10c

**FARINACEA**—A perennial variety producing tall spikes of silvery lavender blooms from a dense mass of foliage.....Pkt. 5c

**SALVIA AZUREA GRANDIFLORA**—A hardy perennial variety producing spikes of intense sky-blue flowers, in great profusion.

Height 2 to 3 feet.....Pkt. 10c

## Stocks

Gilliflower-Levkojen)

### DWARF GERMAN TEN WEEKS

Stocks have little to be desired in general usefulness of a flower of this type. They are easy to grow and have splendid foliage and beautiful fragrant blossoms in a wide range of colors, that are produced in lavish profusion throughout a long season. A very useful bedding and pot plant.

### LARGE FLOWERING DOUBLE TEN WEEKS

These bloom from 10 to 12 weeks after being sown, grow a foot high and in light rich soil bear an immense quantity of bloom, each plant forming a perfect bouquet of delightful fragrance.

**MIXED**—Brilliant colors.

½ oz., 30c.....Pkt. 10c

**ROSY MORN**—Delicate rosy flesh.

½ oz., 40c.....Pkt. 10c

**GRAND ROUGE**—Blood-red.

½ oz., 40c.....Pkt. 10c

**SAPPHIRE**—Dark blue.

½ oz., 40c.....Pkt. 10c

**MOUNT BLANC**—Snow white.

½ oz., 40c.....Pkt. 10c

**BEAUTY OF NICE**—A remarkable variety of quick growth, sends out numerous side shoots, covered with large and fragrant flowers of nearly 2 inches across. All colors mixed.....Pkt. 10c

**CUT-AND-COME-AGAIN**—(Giant Perfection). The plants are of fine symmetrical habit, bushy and about 2 feet in height. The numerous side branches each carry a tall strong spike well furnished with unusually large and very double highly fragrant flowers. Unsurpassed as a cut flower. Mixed. Many brilliant colors. ½ oz., 30c..Pkt. 10c

St. Joseph, Mo.

April 22, 1917.

De Giorgi Bros.;

We were pleased with all the seed we had, will give you our order for next year.

MRS. SELMA F. STEIDEL.



SALPIGLOSSIS.

**SALPIGLOSSIS**—(Painted Tongle). Annual plants of great beauty and value. Most easily grown from seed and thrives in almost any soil and situation. They only ask the sowing, they will take care of themselves afterwards and will produce flowers in never ceasing succession from the beginning of June till autumn. The blossoms are tube shaped much like a petunia but rivaling the latter in beautiful colors displayed. The colors, red, blue, yellow, pink, orange, violet, etc., in various shades are intricately netted, penciled and veined with a glint of gold or other colors.

**VIOLET AND GOLD**—Velvety violet, veined with gold. A grand cut flower. ½ oz., 45c.....Pkt. 10c

**EMPEROR MIXED**—A magnificent strain with extra large richly colored flowers. All colors mixed.

½ oz., 25c.....Pkt. 5c



SALVIA ZURICH.





SCABIOSA AZURE FAIRY.

## Scabiosa (Mourning Bride Pincushion Flower)

One of the handsomest summer border plants, producing in great profusion splendid double flowers for table bouquets, etc. They grow about 30 inches high and come into bloom early in July and continue in never-ceasing succession till frost. Hardy annual. Any variety, 1 oz., 50c.

**SNOWBALL**—Very large double snow white flower.....Pkt. 5c  
**AZURE FAIRY**—A most pleasing shade of sky blue.....Pkt. 5c  
**BLACK PRINCE**—Black-purple .....Pkt. 5c  
**FIREBALL**—Fiery scarlet, very effective.....Pkt. 5c  
**MIXED**—Finest double varieties. 1 oz., 50c.....Pkt. 5c  
**CAUCASICA**—Perennial .....Pkt. 10c

**JAPONICA**—This is a perennial variety of great beauty and elegance. The beautiful artistic lavender blue flowers are borne on long wiry stems and are 2 to 3 inches across. Very floriferous. A fine cut flower. Height 3 feet.....Pkt. 10c

**SCHIZANTHUS**—(Butterfly Flower). These half hardy annuals produce a wealth of beautiful flowers, very dainty and of many colors, orange, purple, white, pink, buff, rose, mauve red, spotted, blotched, veined, etc. Fine for pot plants and very easily grown from seed.

**HYBRIDUS GRANDIFLORUS**—A superb new strain growing bushy and producing extra large, richly covered flowers. 1/2 oz., 15c; 1/4 oz., 25c.....Pkt. 5c

**SHAMROCK**—True stock, imported from Ireland. Perennial. Height 6 to 8 inches. 1 oz., 25c.....Pkt. 10c

**SILENE ARMERIA**—(Catchfly). Bright profuse-flowering annual of dwarf and compact habit. Various mixed. 1 oz., 25c.....Pkt. 5c

**SMILAX**—(Myrsiphyllum Asparagoides). A graceful tuberous-rooted, perennial climber, none surpassing it for its glossy deep green, most delicate foliage and small white flowers. Fine for vases and baskets. Soak the seed 24 hours before sowing. Height 6 to 10 feet. 1 oz., 30c.....Pkt. 5c

**SNAPDRAGON**—See Antirrhinum.

**STOKESIA CYANEA**—(Cornflower Aster). A magnificent hardy perennial of great value. The lavender blue flowers, measuring 4 to 5 inches across, are produced on stiff, long stems, making an excellent plant for cut flowers, for bouquets, etc. Height 2 feet. 1/2 oz., 25c.....Pkt. 10c

**SUNFLOWER**—(Helianthus). Few people realize the effect that may be accomplished by the use of the Sunflower. The Chrysanthemum and Cut-and-Come-Again types are remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Hardy annual.

**DOUBLE CHRYSANTHEMUM FLOWERED**—Grows about 6 feet high and bears profusely. The perfectly double flowers are bright yellow, of different sizes, from 3 to 6 inches in diameter. 1/2 oz., 15c.....Pkt. 5c

**CUT-AND-COME-AGAIN SUNFLOWER**—(The Ever-Blooming Type). The single flowers 3 to 4 inches across are borne on long stems admirably adapted for vases. Choice colors in mixture. 1/2 oz., 15c.....Pkt. 5c

**LARGE RUSSIAN**—Immense single yellow flowers 15 to 20 inches across. 1 oz., 10c.....Pkt. 5c

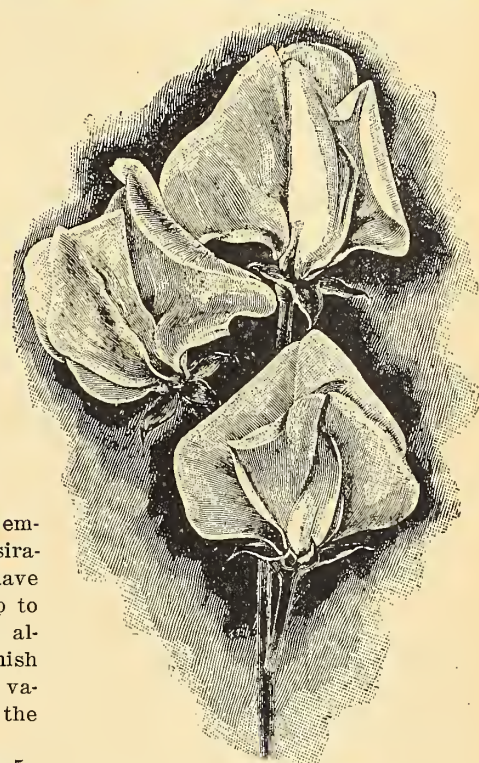
**SPECIAL MIXTURE**—Contains all the best varieties of single and double Sunflowers. 1 oz., 15c.....Pkt. 5c

**SENSITIVE PLANT**—Mimosa Pudica. 1 oz., 45c.....Pkt. 5c

## Sweet Peas

Large Flowered

## Spencer Varieties



The following list embraces the most desirable varieties that have been brought out up to the present time, although we can furnish any of the numerous varieties offered by the trade.

Any variety ....Pkt. 5c

	Oz.	1/4 lb.	1 lb.
<b>AURORA</b> —White mottled with pink.....	\$0.15	\$0.50	\$1.85
<b>AFTER GLOW</b> —Bright violet standards shaded rosy amethyst, wings paler blue.....	.20	.80	3.00
<b>ANNA LUMLEY</b> —Dark rich deep maroon.....	.10	.40	1.50
<b>COUNTESS SPENCER</b> —The original giant-flowered Spencer, with finest waved standards and wings, clear pink deepening towards the edge, but almost self-covered.....	.20	.60	2.00
<b>DAINTY</b> —White with rose-pink edge.....	.15	.60	2.10
<b>FLORENCE NIGHTINGALE</b> —Bluish lavender..	.15	.50	1.90
<b>GEORGE WASHINGTON</b> —Crimson scarlet self.	.10	.40	1.50
<b>HELEN LEWIS</b> —Brilliant crimson-orange, wings orange rose.....	.10	.45	1.60
<b>HERCULES</b> —This is the finest of all pink Spencers; the flower is of giant size, a pale rosy pink.....	.20	.80	3.00
<b>KING EDWARD</b> —Pure red, very large flowers..	.15	.50	1.90
<b>KING WHITE</b> —Gigantic pure white flowers....	.20	.80	3.00
<b>MARGARETH ATLEE</b> —Rosy, salmon pink on a creamy buff ground. Immense wavy standards inclined to double. A superb variety....	.20	.80	3.00
<b>MARGARETH MADISON</b> —A beautiful self-colored azure blue. Of all blues this is the best.....	.20	.80	3.00
<b>MRS. ROUTZAHN</b> —Apricot ground, flushed and suffused with pink.....	.15	.50	1.90
<b>PRIMROSE</b> —Largest primrose yellow.....	.10	.45	1.60
<b>QUEEN VICTORIA</b> —Background deep primrose, flushed with rose. Flowers very large and of true waved type.....	.20	.85	3.00
<b>ROYAL PURPLE</b> —Rich purple, nothing better in purples.....	.30	1.10	4.00
<b>THOMAS STEVENSON</b> —The finest bright orange-scarlet, almost a self.....	.20	.60	2.00
<b>VERMILION BRILLIANT</b> —A brilliant scarlet Spencer, the best of its color.....	.20	.80	3.00
<b>WHITE</b> —Flowers very large and of magnificent Spencer waved form.....	.15	.45	1.60
<b>ANY ABOVE LISTED VARIETY</b> .....			<b>PKT., 5c</b>



## Spencer Sweet Peas Mixed

This mixture includes all the finest Spencers listed as well as many new varieties. Pkt., 5c; 1 oz., 15c; ¼ lb., 60c; 1b., \$2.00.

### UNWIN AND GRANDIFLORA VARIETIES

	Oz.	¼ lb.	1 lb.
AMERICA—Brightest blood red, striped white..	\$0.10	\$0.25	\$0.85
BLACK KNIGHT—Dark maroon.....	.10	.25	.80
BLANCHE FERRY—Pink and white.....	.10	.20	.70
DAINTY—White with pink edge. Unique.....	.10	.25	.85
DOROTHY—ECKFORD—One of the best whites	.10	.25	.80
FRANK DOLBY—Largest and finest pale blue..	.15	.35	1.20
FLORA NORTON—Very bright blue.....	.10	.20	.75
HON. MRS. KENYON—Very large yellow.....	.10	.20	.75
KING EDWARD—Bright red .....	.10	.25	.85
LADY GRISEL HAMILTON—Best of all laven- ders .....	.10	.20	.75
LORD NELSON—Brilliant blue. Richer and deeper than navy blue.....	.10	.25	.85
MRS. GEO. HIGGINSON—Delicate sky blue....	.10	.25	.85
MRS. WALTER WRIGHT—Beautiful mauve color .....	.10	.25	.85
OTHELLO—A beautiful chocolate red color...	.10	.25	.80
PRIMA DONNA—Soft pink.....	.10	.25	.85
QUEEN ALEXANDRA—Scarlet, giant size.....	.10	.25	.85
ROSE DU BARRI—Salmon rose and orange....	.10	.25	.85
UNIQUE—White, flaked with light blue.....	.10	.20	.75
WHITE WONDER—Very large, pure white flow- ers; 6 to 8 borne on a long stout stem.....	.10	.20	.75
ANY ABOVE LISTED VARIETY.....	PKT. 5c		

### UNWIN AND GRANDIFLORA MIXED

Embraces more than seventy-five of the best varieties of this type of Sweet Peas. Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1b., \$1.00.

### WINTER FLOWERING VARIETIES

	Oz.	¼ lb.	1 lb.
BLUE JAY—Bright blue self color.....	\$0.50	\$...	\$...
BURPEE'S EARLIEST WHITE—(Snowbird). Black seeded white .....	.10	.35	1.25
CHRISTMAS PINK—Pink and white.....	.10	.25	1.25
CHRISTMAS METEOR—Brilliant red.....	.10	.35	1.25
EARLIEST SUNBEAM—Primrose .....	.10	.30	1.00
LAVENDER NORA—Most pleasing lavender, long stems. A splendid commercial variety	.90	.....	.....
LE MARQUIS—Navy blue .....	.10	.30	1.00
MRS. A. A. SKACH—Flowers exceedingly large, much fluted, usually four to a stem; bright shell pink .....	.85	2.10	8.00
MRS. F. J. DOLANSKY—(Prima Donna). Pink	.10	.30	1.00
MRS. ALEX WALLACE—Pinkish lavender....	.10	.30	1.00
MRS. WM. SIM—Salmon pink.....	.85	2.10	8.00
ANY ABOVE LISTED VARIETY.....	PKT. 5c		

YARRAWA—The color is a bright rose-pink with a clear creamy base. The blooms are exquisitely waved averaging 2½ inches in diameter, and many of them are double. Usually produced in fours, on extra long strong stems.  
Oz., 80c .....

COLLECTION—A packet each of ten best varieties for only 40c.

SPECIAL MIXTURE—This contains the cream of the world's Sweet Peas, of colors in even proportions and better than any other mixture of Sweet Peas.

Oz., 15c; 1 lb., \$1.10.....

CUPID SWEET PEAS—These grow only about 1 foot high and spread to about 2 feet and have fine dark green foliage.  
Oz., 10c; ¼ lb., 25c.....

STATICE LATIFOLIA—(See Lavender). Produces large spreading panicles, of deep blue graceful flowers, of the "everlasting" nature, much prized for winter decoration.  
Height 2 feet. ¼ oz., 35c.....

### FEIJOA SELLOWIANA

This is an ornamental as well as fruit bearing shrub, related botanically to the common guava. It is comparatively hardy, stands frost down to 10 degrees above zero, and can be safely planted in Florida and along the Mexican Gulf as well as in California. Not suitable for the North. The fruits, which in shape resemble figs, are of delicious flavor, and few of them will perfume the whole room. The blooms are quite attractive. It is suitable for groups, and makes especially fine hedges. Ought to be planted commercially. Readily grown from seed. Bears fruit the second year. Fifty seeds 25 cents.



SWEET WILLIAM PERFECTION MIXTURE.

SWEET WILLIAM—(Dianthus Barbatus). A favorite old fashioned perennial, with sweetly scented flowers of extreme richness and great variety of colors, effective for beds or mixed borders. Easily grown from seed. Perfectly hardy.

PERFECTION MIXTURE—This mixture contains the finest extra large flowering single varieties, such as Holborn Glory, Johnson Giant, Auricula Flowered, etc., and will produce magnificent flowers of the most beautiful shades and markings. ¼ oz., 25c.....

DOUBLE GIANT FLOWERED MIXTURE—½ oz., 30c.....

FINE MIXED—½ oz., 15c.....

THALICTHRUM DIPTEROCARPUM—Very graceful plumes of rosy purple flowers and conspicuous yellow anthers. One of the most graceful and decorative plants. Hardy perennial. Height 4 to 5 feet.....

TRITOMA HYBRIDA MIRABILIS—Tritomas are popularly known as "Flame Flowers, Torch Lilies, Red Hot Poker" and are one of the most striking plants in cultivation. No one who has ever seen their pyramidal spikes of blazing red flowers is likely to forget when and where he discovered this plant. The long fiery untamed red of the drooping flowers, one hundred on a spike, is a memorable sight. A sky-rocket is not more startling. They require protection during the winter, but are of very easy culture. Hybrida Mirabilis is a new race of Tritomas, flowering the first year from seed. It grows to a height of about 3 feet and produces flowers in great abundance. It is at its best in the second year and thereafter.....

TRITOMA UVARIA GRANDIFLORA—Very striking and exceedingly ornamental Red Hot Poker or Torch Lily. The spikes are most brilliantly colored. ¼ oz., 30c.....

## Vinca Rosea

(Madagascar Periwinkle or Old Maid). Pretty perennial border plant with numerous white and rose flowers, blooming all the summer. As a bedding plant it ranks as one of the best plants we have for that purpose; also splendid for bouquets, every bud opening when placed in water. They may be taken up in the fall, potted and kept in bloom through the winter. Tender perennial, blooms the first year.

WHITE—½ oz., 15c.....

WHITE with crimson eye—½ oz., 15c.....

PINK—½ oz., 15c.....

MIXED—¼ oz., 25c; 1 oz., 75c.....

VIOLA CORNUTA—See Tufted Pansies.

WALLFLOWER—(Goldlack). These deliciously fragrant half hardy perennials should be better known. Their adaptability for pot culture and out-door bedding should win favor. They are very floriferous and make a fine cut flower. Where winters are not very severe the Wallflowers make most desirable plants, giving plenty of early spring flowers. FINEST MIXED. Includes both single and double varieties in all colors. ¼ oz., 40c.....

WILD CUCUMBER—Oz., 10c; ¼ lb., 30c.....





VERBENA GIANT AURICULA-EYED.

## Mammoth Verbenas

There are but few plants that will make such a gorgeous display or furnish more flowers for cutting during summer months as the Verbena. Easily raised from seed. Tender annual.

WHITE—1 oz., 75c.....Pkt. 10c

PINK AND CARMINE SHADES—1 oz., 75c.....Pkt. 10c

DARK BLUE—Finest blue Verbena. 1 oz., 75c.....Pkt. 10c

FIREFLY—Intense red. 1 oz., \$2.00.....Pkt. 10c

MAMMOTH MIXED—The above and other mammoth-flowered varieties. ¼ oz., 25c; 1 oz., 65c.....Pkt. 10c

GIANT AURICULA-EYED—Remarkable for size, beauty and diversity of markings. Some of the individual florets measure 1¼ inches across and are produced in great variety of colors, each flower having a large white center. 1 oz., 75c..Pkt. 10c

**SPECIAL MIXTURE**—A very fine mixture including a good percentage of the mammoth-flowering sorts as well as some of the Auricula-Eyed Verbenas. ¼ oz., 25c.....Pkt. 5c

**VERBENA CITRIODORA**—Lemon Scented Verbena. A low growing tender plant which may be grown in the garden in summer and in pots in winter. The dried, highly scented leaves are used for perfuming the linen. Height 3 feet....Pkt. 10c

## ZINNIAS

**ZINNIA**—(Youth and Old Age). Few flowers are as easily grown from seed sown in the open ground or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August Zinnias are incomparably bright.

## NEW GIANT FLOWERED OR COLOSSAL

The flowers are of enormous size, thickly set with velvety petals and are not to be confused with the common or small flowered Zinnias as they are a distinct race of flowers. Height 3 feet.

GIANT FLOWERED WHITE ¼ oz., 30c..Pkt. 10c

GIANT FLOWERED SCARLET ¼ oz., 30c..Pkt. 10c

GIANT FLOWERED PINK ¼ oz., 30c..Pkt. 10c

GIANT FLOWERED ORANGE ¼ oz., 30c..Pkt. 10c

GIANT FLOWERED PURPLE ¼ oz., 30c..Pkt. 10c

GIANT FLOWERED MIXED ¼ oz., 30c..Pkt. 10c

**DOUBLE LILIPUT**—This strain is the acme of perfection in Zinnias. The plants are of dwarf growth about 15 inches in height, bearing scores of beautiful very double blossoms, of the most perfect shape and brilliant colors. Very free flowering. Mixed. ¼ oz., 25c.....Pkt. 5c

**CURLED, CRESTED, STRIPED AND FRINGED**—Fancy strains of brilliantly colored Zinnias in finest mixture .....Pkt. 10c

**DOUBLE POMPON**—The petals are piled in a symmetrical smooth cone. A wide range of colors from pure white to the deepest crimson. Fine for bouquets. Height 2 feet.

CHOICEST MIXED. ¼ oz., 25c.....Pkt. 5c

## ELEGANS FL. PL. DOUBLE—2½ FT.

QUEEN VICTORIA—Pure white .....Pkt. 10c

SULPHUR YELLOW .....Pkt. 10c

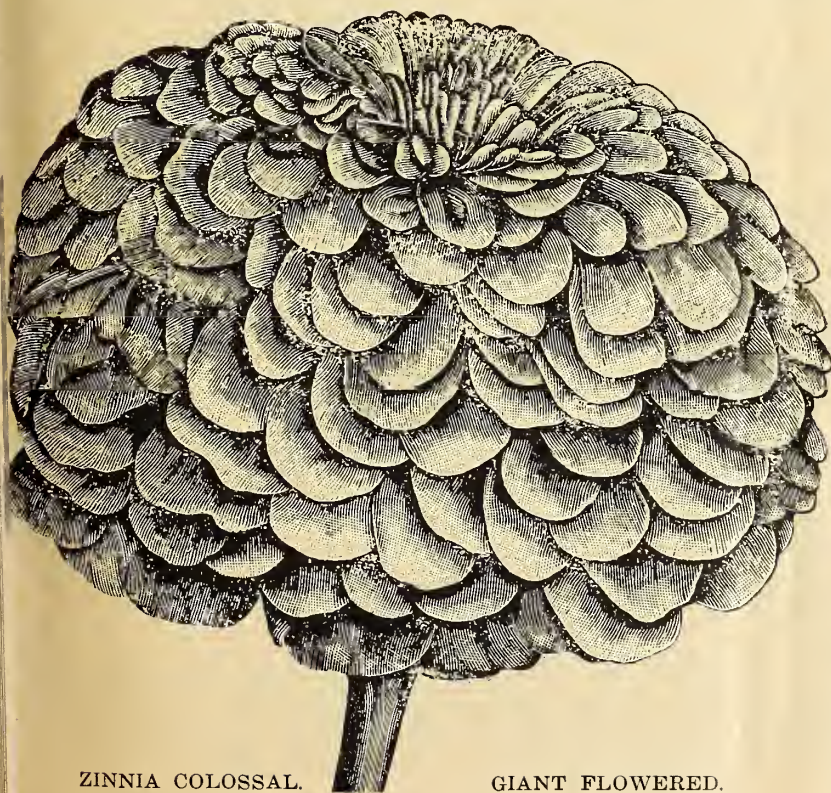
FLESH COLOR .....Pkt. 10c

ROSE .....Pkt. 10c

SCARLET .....Pkt. 10c

GENERAL JACQUEMINOT—Blood red....Pkt. 10c

ZEBRA STRIPED .....Pkt. 10c



ZINNIA COLOSSAL.

GIANT FLOWERED.



## Summer Flowering Bulbs



DOUBLE BEGONIA.



CALADIUM ESCULENTUM.



HYACINTHUS CANDICANS.

All bulbs and roots we send out are well matured, sound and healthy, so their flowering is certain. Order early. We will forward the bulbs as soon as the weather will permit, well packed so that they will reach you in prime condition. If not ready to plant when the bulbs reach you, spread out the bulbs thinly in some place where they will be safe from extreme heat or freezing, but be careful that they are not allowed to dry out.

### AMARYLLIS

A grand house plant. To be successful in growing Amaryllis it is imperative to give the bulbs alternate periods of rest and growth. When the leaves appear give water and plenty of light; after flowers are off and leaves have started to turn yellow, withhold water and put pot away from light. Do not start growth again until bulb shows signs of life itself (even when soil is perfectly dry) by pushing out new leaves.

**KERR'S HYBRIDS**—This is magnificent new English strain by far ahead of anything previously offered. The stems are usually from 2 to 3 feet high, often carrying 3 immense blooms, the colors of which are amazing. There are whites, white striped, crimson and pink, brilliant scarlet, crimson, beautiful pinks and other delicate shades which an artist could paint but which is hard to describe in words. Price, each, 75c, postpaid. Not prepaid: Dozen, \$7.50.

**JOHNSONI**—This is the giant Amaryllis. The trumpet shaped flowers are of immense size, measuring 6 to 8 inches across, and are of rich deep velvety crimson, each petal having a broad white stripe. Each, 25c, postpaid. Not prepaid: Dozen, \$2.60.

**APIOs TUBEROSA**—Hardy climber growing to a height of 8 to 10 feet. Flowers are fragrant. Each, 6c; dozen, 50c, postpaid.

**CINNAMON VINE**—Well known hardy climber with dark green foliage and numerous very sweetly scented flowers. Large roots, each, 10c, postpaid. Not prepaid: Dozen, \$1.00.

## Tuberous-Rooted Begonia

Very desirable for pot culture or for bedding out in partially shaded location. It is truly a great plant, rivaling the Gloxinia as a window or conservatory plant. The flowers are of enormous size, brilliantly colored and will astonish those who have never seen but the ordinary house Begonia. The bulbs can be started from March to June and will be soon in full bloom. Plant in rich soil and water freely.

	One	Three	Ten
DOUBLE SORTS. White, Scarlet, Yellow, Pink	\$0.15	\$0.40	\$1.00
SINGLE SORTS. White, Scarlet, Yellow, Pink	.10	.25	.75
SINGLE FRILLED. Mixed Colors	.15	.35	.95

**CHLIDANTHUS FRAGRANS**—Has beautiful lemon colored flowers, sweetly scented. Should be treated like an Amaryllis. Each, 10c; dozen, \$1.00, postpaid.

## Caladium Esculentum

### ELEPHANT'S EAR

Commonly called Elephant's Ears. One of the most beautiful and ornamental foliage plants, either for pot culture or in open ground. They have broad, light green leaves, beautifully veined with dark green, and will grow to immense size if well taken care of. The small bulbs make a fine border for a bed Cannas, and as they grow well in the shade are unequaled plant in the angle between the piazza and the house. The large plants are planted singly in lawns, and make a fine tropical appearance. To grow them successfully, the soil should be rich to a depth of 2 feet, and if the plants are watered plentifully (they cannot be watered too much) and an occasional dressing of fresh cow manure applied, they will make a growth that is really wonderful.

	One	Ten	1
First Size Bulbs, 5 to 7 inch circumference:			
By mail, postpaid	\$0.09	\$0.75	\$4.00
Not prepaid	.09	.55	4
Extra Large Bulbs, 9 to 11 inch circumference:			
By mail, postpaid	.25	2.25	18
Not prepaid	.07	.55	4

**HYACINTHUS CANDICANS**—A stately bulbous plant, growing 4 feet high. The flowers are white on long stalks, strong bulbs will produce two or more spikes, the flowers number 20 to 50 on each spike. It is perfectly hardy and is most beautiful every year. Large bulbs. Each, 6c; ten for 40c, postpaid. Not prepaid: 100 for \$3.00.

**ISMENE CALATHINA**—A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white fragrant blossoms. Keep the bulbs in a dry moderately warm place, and plant out in June. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in the winter, or kept over for planting out the other season. Strong bulbs. Each 18c; ten for \$1.50, postpaid.

**OXALIS SUMMER FLOWERING**—Valuable for edging the border of walks or flower beds. When planted apart they produce an unbroken row of elegant foliage and pretty flowers, and as they bloom soon after planting they furnish a neat attractive border the whole season. The colors are white, pink and red. Mixed colors. Ten for 15c, 100 for 65c, postpaid.

I am in the truck growing business for many years and know something about seeds and firms. I must say that I have never better pleased as I am since I am buying your seeds.

A. Kapalin, South Omaha, Nebraska

I have had a superfine crop out of your seeds. Everything was just fine, especially your American Savoy and Faultless Cabbage. I have raised St. Louis Market Lettuce with heads big as cabbage and all the neighbors say that mine was the best garden in the whole neighborhood.

A. Mazac, Ord, Nebraska



**CHOICE CANNAS**

**BUTTERCUP**—3½ feet. Bright buttercup yellow. Foliage green.  
**BLACK PRINCE**—5 feet. Deep red. Foliage green.  
**HUNGARIA**—3½ feet. Bright pink. Foliage green.  
**MRS. KARL KELSEY**—7 feet. Orange scarlet with yellow markings. Foliage green.  
**KING HUMBERT**—4 feet. Orange scarlet. Foliage bronze.  
**LOUISIANA**—6 feet. Scarlet. Foliage green.  
**SOUV. A. CROZY**—4 feet. Scarlet, bordered yellow. Foliage green.  
**WYOMING**—7 feet. Orange scarlet. Foliage bronze.

Price of all Cannas, 10c each; \$1.00 for dozen.

**CANNA FIREBIRD**

A new Canna with immense fiery red flowers and glistening green foliage. Height 3½ feet. Each, 25c.

**WINTZER'S COLOSSAL**—Finest and undoubtedly the largest Orchid-flowering Canna in existence. Height 5 feet. Color dazzling scarlet. The average flowers more than cover a man's hat. Leaves green. Price: Each, 35c; 3 for \$1.00; 10 for \$3.00.

**MRS. ETHEL CRAIN**—This is the grandest flesh pink Canna in existence. Height 4 feet. Leaves beautiful shining green. Price: Each, 25c; 3 for 65c; 10 for \$2.00.

**ROSEA GIGANTHEA**—Giant flowers of soft rose to carmine pink. Height 3½ feet. Leaves green. Price: Each, 25c; 3 for 60c; 10 for \$1.90.



CANNA.

**HARDY GARDEN LILIES**

**AURATUM**—The glorious, gold-banded lily of Japan and one of the most superb plants in cultivation. Its immense ivory-like flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer, if well cared for, will give from five to ten magnificent flowers the first year, and under good cultivation will, after becoming well established, give from ten to fifty. 20c each; 3 for 50c.

**LONGIFLORUM**—A very uniform and exceptionally neat plant. Comes readily into bloom for Memorial Day, being a little later forcing variety than *Lillium Harrisii* and preferred by some to that, since the flowers are of better substance. Extensively used by florists for cut flowers. When grown in the open ground it blooms in June or July. The pure white flowers resemble the well known Bermuda Easter Lily. 20c each; 3 for 50c.

**SPECIOSUM RUBRUM**—No words can over-state the brilliant beauty of these famous Japanese Lillies. The six broad, white or pink petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them very effective and desirable. Especially thrifty and hardy. One of the best for garden culture. 20c each; 3 for 50c.

**TIGRINUM FLORE PLENO**—(Double Tiger Lily). This magnificent lily is of stately habit, bearing great clusters of very large double flowers on tall, strong stems. Colors, bright orange-red spotted with black. Height out doors in the open usually 3 to 6 feet. 15c each; 3 for 30c.



LILLIUM AURATUM.

**ANNA METEOR**—The greatest red Canna for bedding. Height 5 feet. Leaves green. Price: Each, 30c; 3 for 80c; 10 for \$1.90.

**OLYMPIC**—Rich oriental red, with center shaded lighter red and dappled carmine. Large individual blossoms that make heads which are simply immense. Height 5 feet. Foliage green. Each, 35c; 3 for \$1.00; 10 for \$3.00.

**ADAME CROZY**—Beautiful orange-scarlet, edged bright golden yellow. The best Canna for edging of beds of taller Cannas. Foliage green. Price: Each, 10c; 3 for 25c; 10 for 75c; 100 for \$6.00.

**BLEEDING HEART**

A hardy perennial plant with finely cut foliage, blooming in the Spring. The flowers are extremely graceful, heart-shaped, pink and white, and are borne in long racemes. Half shaded position suits them best. Each, 20c; dozen, \$2.00, postpaid. Unprepaid: 25 for \$0.00; 100 for \$10.00.

**THE HEALING SQUILL**

An old and highly cherished bulb among the common people of the European countries. Botanically it is *Scilla Maritima* and is referred to in all old works on *Materia Medica*, on account of the healing quality of its leaves when applied to bruises, burns, sores, etc. It is a good sized onion-like bulb, with long narrow foliage and flower spikes 2 feet tall. Small plants, each, 30c, postpaid.



BLEEDING HEART.



### CHOICE DAHLIAS

Dahlias will grow in any soil. The best time to plant is in late May. Plant four to six inches deep and three to four feet apart. Keep the ground around the plants stirred to a depth of several inches until the first buds burst, after which one to two inches will be sufficient. Keeping the ground loose around the plants does away with watering. Do not water except in dire need and then soak the ground thoroughly and stir the soil the following day.

### CACTUS VARIETIES

**FLORENCE M. STREDWICK**—Absolutely the finest white cactus.  
**GRACIE**—Salmon red, overlaid soft velvet.  
**J. H. JACKSON**—Very large, rich velvety maroon.  
**KRIEMHILDE**—Deep rosy pink with lighter center.  
**MRS. GEO. STEPHENSON**—Very large, clear canary yellow, the best yellow cactus.  
**STANDARD BEARER**—Bright clear scarlet. Very profuse.

### DECORATIVE

**JACK ROSE**—The best crimson.  
**DELICE**—The best pure bright rose pink.  
**ZULU**—The black Dahlia. Velvet maroon shaded black.  
**SOUVENIR DE GUSTAVE DOUZON**—Immense size. Soft scarlet red.  
**SYLVIA**—Deep pink tinging to flesh pink at center.  
**A. D. LIVONI**—The best pink show Dahlia.  
**APOLLYON**—Brightest scarlet.  
**QUEEN VICTORIA**—Rich golden yellow.  
**RED HUSSAR**—Richest dazzling carmine red.  
**SUSAN**—Soft pink, splendid form and free bloomer.  
**STORM KING**—The earliest white.

Prices of the above Dahlias, 20c each; \$2.00 per dozen, postpaid. Unprepaid, 100 for \$12.00.



DAHLIA APPOLYON.

### GLADIOLUS

These require good rich soil and an open situation. Plant when danger of frost is over and set the bulbs 4 to 6 inches deep, according to size of bulbs. Over winter store the bulbs in a frost-proof, cool and dry place. The varieties listed below are the very choicest.

<b>ALINE</b> —Pure white, striped crimson. Large and open.....	Each 22c
<b>AMERICA</b> —Soft flesh pink. Very large.....	Each 7c; 100 for \$3.50
<b>AUGUSTA</b> —Pure white with lavender anthers.....	Each 6c; 100 for 3.50
<b>BLUE JAY</b> —Rich brilliant blue.....	Each 10c; 100 for 7.00
<b>BRENCHLEYENSIS</b> —Brilliant scarlet.....	Each 5c; 100 for 2.50
<b>HYDE PARK</b> —Flowers large, color white, penciled and feathered with light and dark rose.....	Each 13c; 100 for 11.00
<b>KLONDYKE</b> —Light yellow, crimson maroon blotch.....	Each 10c; 100 for 7.00
<b>KUNDERDI GLORY</b> —Pink with large crimson stripe on each lower petal. Petals ruffled. Very beautiful.....	Each 12c; 100 for 8.50
<b>MARGARETH</b> —Flowers large. Arranged in two rows facing the same way with six to eight open at a time. Color brilliant carmine with a large white blotch on lower petals. A magnificent flower.....	Each 20c; 100 for 18.00
<b>MRS. F. KING</b> —Brilliant vermilion scarlet. Grand cut flower variety.....	
.....	Each 5c; 100 for \$3.00
<b>PRINCEPS</b> —Scarlet, immense flowers.....	
.....	Each 6c; 100 for \$5.00
<b>SCRIBE</b> —Beautiful rose, tinged white, striped carmine. Each 12c; 100 for \$8.00	
<b>SULPHUR KING</b> —Clear sulphur yellow. ....	
.....	Each 18c; 100 for \$14.00

### TUBEROSES

The Tuberose is one of the most highly perfumed and sweetest flowers known. Grows about 18 inches high, sending up long, slender spikes, completely covered with beautiful white waxy flowers. Plant in May, after ground is warm, 3 inches deep and 6 inches apart. Before ground freezes in the fall, lift the bulbs and store in warm, dry cellar. They can also be grown in pots in the house.

### EXCELSIOR DWARF PEARL

A special selection made for years of the most dwarf, double and full flowered spikes. Exceptionally sturdy and dwarf in habit. What we offer is the "Mammoth" strain, the best there is in Tuberoses.

**MAMMOTH BULBS**—Each, 8c; 4 for 30c; 10 for 85c, postpaid. Not prepaid: Each, 6c; 10 for 45c; 100 for \$3.75.

**SECOND SIZE BULBS**—Each, 5c; 3 for 12c; 10 for 35c, postpaid. Not prepaid: Each, 3c; 10 for 20c; 100 for \$1.50.



GLADIOLUS.

Cedar Rapids, Iowa.  
June 2, 1917.

I must say that the seeds you sent me are very satisfactory. Everything is coming fine. Thanking you for the interest you took in selecting good seeds for me, I am,

Respectfully yours,

C. N. NEMECEK.





# Hardy Perennials

Our list of Hardy Perennials is restricted to the most popular varieties. There is an endless variety of hardy flowers, and so-called hardy plants. We say so-called hardy plants because so many perennials pronounced as hardy are not hardy in our locality and further North. Then again there are many plants that are very little known and rarely called for. However, we are in position to supply any kind of perennial plant. Just tell us what you wish to have and we will deliver it to you. Our prices will always be in line with those of other reliable establishments.

**ACHILLEA—THE PEARL**—Pure white double flowers in dense clusters. Thrives in any situation. Fine for cutting and for cemetery use. Height 2 feet. Each, 15c; 12 for \$1.00.

**ARTEMISIA-ABROTANUM**—(Old Man). A shrub with dark green, finely cut, and aromatic foliage. Height 3 feet. Each, 15c; 12 for \$1.50.

## BELLIS—ENGLISH DAISY

A low growing spring flowering plant, a companion to the pansy and forget-me-not. Loves a shady place and will reward the gardener with a mass of blossom for many years if left undisturbed.

**MONSTROSA WHITE**—Each plant produces but a few flowers, but these are almost as big as a good sized aster and are borne on long stiff stems. Each, 15c; 12 for \$1.50.

## HARDY CARNATION

We have excellent hardy Carnations from Bohemia in many different colors, all double, perfectly hardy, and highly fragrant. Blooms large on long wiry stems. These are suitable for outdoor culture only. Our selection, 35c each.

**CENTAUREA MONTANA**—Perennial Cornflower. Useful and effective border plant, invaluable for cutting, flowers blue, large and handsome. Height 2 feet. Each, 15c; 12 for \$1.50.

## HARDY CHRYSANTHEMUMS

**GOLDEN GLOW**—Large yellow blooms..Each 20c; 12 for \$1.75

**ZDENKA**—Pure white .....Each 20c; 12 for 1.75

**PAVLA**—Soft pink .....Each 20c; 12 for 1.75

**PETE**—Bright red .....Each 20c; 12 for 1.75

**SOKOL**—Bronzy red .....Each 20c; 12 for 1.75

**CHRYSANTHEMUM MAXIMUM. SHASTA DAISY**—The whole plant is gigantic but compact and graceful; flowers glistening white, 4 to 5 inches across, very free flowering. Excellent for cutting purposes. Not perfectly hardy in this locality. We offer the Alaska variety, which is the best of all Shasta Daisies. Height 3 feet. Each, 15c; 12 for \$1.50.

**COLUMBINE—Aquilegia.** The Columbines, upon which too much praise cannot be lavished, are graceful and hardy perennials that will thrive in either sun or shade, and lend themselves to any form of planting. The dainty spurred blossoms seem like little butterflies ready to take wing at any moment.

**ROCKY MT. COLUMBINE**—Flowers blue and white, sometimes tinged with lilac or claret, spur very slender, green tipped. Fine for cutting. Height 15 inches. Blooms from April to July.

**JOERULA ROSEA—ROSE QUEEN.** The plants produce on long slender stalks in great profusion, flowers of light to dark rose with white center and yellow anthers a most delicate and beautiful combination of color. Height 2½ feet.

**NEW LONG SPURRED HYBRIDS**—Of unusual beauty. The plants are very vigorous growers with luxuriant foliage and frequently over 3 feet in height. The colors of the flowers are most gorgeous and varied including rich shades as well as many new and delicate tints; pure white and yellow, deep blue, lavender, mauve, chocolate, pale lilac, scarlet, pink, salmon, cerise, white and yellow, blue, etc. This new race of Columbine has to been to be fully appreciated.

**PRICE**—Any of the above: Each, 15c; 12 for \$1.50.

**OREOPSIS—Lanceolata Grandiflora.** (Golden Glory). This is one of the finest of hardy plants with large showy bright yellow flowers produced in greatest abundance from June till frost. A superb cut flower. Height 30 inches. Each, 15c; 12 for \$1.50.

**DELPHINIUM**—One of the loveliest blue flowers in existence, growing on tall straight spikes that overtop the rest of the garden and nod gently as the wind sways them. Perfectly hardy.

**BELLADONNA HYBRIDS**—Contains all shades of the palest to the darkest blue and the various intervening shades of sapphire, turquoise, indigo, etc., are rich and beautiful beyond description. They branch freely from the crown and bloom without intermission from early spring till late autumn. Each, 15c; 12 for \$1.50.



HARDY FERNS.

**OSMUNDA CINNAMOMEA**—(Cinnamon Fern). A large fern growing in a crown 2 to 5 feet high. Will do fairly well in the most exposed sunlight. Each, 25c; 10 plants, \$1.75; 100 plants, \$15.00.

**LADY FERN**—(Asplenium Felix Foemina). One to three feet high. Very graceful and pleasing and resembles somewhat the Boston Fern. Each, 25c; per 10, \$1.75; per 100, \$15.00.

## Special Offer on Seeds in Packets and Ounces

For a remittance of \$1.00 for which you order seeds in packets and ounces **only**, you may select seeds in packets and ounces **only**, to the value of \$1.25, and according to the following table:

For a remittance of \$1.00 for packets and ounces select \$1.25 worth of seeds in packets and ounces **only**.  
For a remittance of \$2.00 for packets and ounces, select \$2.50 worth of seeds in packets and ounces **only**.  
For a remittance of \$3.00 for packets and ounces, select \$4.00 worth of seeds in packets and ounces **only**.  
For a remittance of \$4.00 for packets and ounces, select \$5.60 worth of seeds in packets and ounces **only**.  
For a remittance of \$5.00 for packets and ounces, select \$7.00 worth of seeds in packets and ounces **only**.

And for every additional dollar, you may select 40c more of seed in packets and ounces **only**.

However, do not overlook that this offer applies to **PACKETS AND OUNCES ONLY**, and we give no premium on seeds bought in lots of ¼, ½ and 1 lb., nor on seeds in Pints, Quarts, etc. If your order amounts to over \$2.00 and you do not specify the kind of seed you wish as a premium, we will send you a credit memorandum for packet and ounce seeds to the amount of your premium.



## HARDY PERENNIALS, (Continued)

**FUNKIA SUBCORDATA**—gr. Alba. Plantain Lily, Day Lily. Clear glossy green and large leaves. Flowers waxy white with orange blossom's fragrance. Delights in rich moist soil. Fine for borders and to plant along walks. Height 1½ feet. Each, 20c; 12 for \$2.00.

**GAILLARDIA**—(Blanket Flower). A showy and useful class of plants flowering freely from early summer until frost. They are effective when grown in masses and are particularly adapted for cases, lasting a long time after being cut.

**GAILLARDIA GRANDIFLORA**—(Blanket Flower). A profuse bloomer; flowers daisy-like, intense blood-crimson margined with golden yellow. Height 2 feet. Each, 15c; 12 for \$1.50.

**GYPSOPHYLA PANICULATA**—(Baby's Breath). Delicate free flowering little plants, covered with a profusion of star-shaped blossoms. Well adapted for hanging baskets and for mixing with other cut flowers. Each, 15c; 12 for \$1.50.

**HELIANTHUS MULTIFLORUS PLENUS**—This is the best of the hardy Sunflowers. Double golden flowers like quilled Dahlias in great profusion, flowering until late in the season. Fine for cutting. Height 4 feet. Each, 15c; 12 for \$1.50.

**HEMEROCALLIS**—Yellow Day Lilly. One of the most beautiful of our garden perennials. Perfectly hardy. Each, 15c; 12 for \$1.50.

**KWANSO FLORE PLENO**—Double Orange Lilly. Flowers semi-double, orange, shaded crimson. Height 4 feet. Each, 15c; 12 for \$1.50.

**MIDDENDORFII**—Narrow grass-like foliage; flowers with long tubes, rich golden yellow, 3 to 5 in head. Height 2 to 3 feet. Each, 15c; 12 for \$1.50.

**HOLLYHOCK**—Double red, white, yellow, pink, salmon and maroon. Choice English strain. Each, 20c; 12 for \$2.00.

## IRIS GERMANICA (FLEUR DE LIS)

**ASIATICUS**—Deep and light blue.

**CANDIDA**—White.

**FLORENTINA ALBA**—(Sweet Orris). White.

**HONORABILIS**—Yellow and brown.

**KING OF IRIS**—Pale yellow and mahogany. Each, 35c.

**MME. CHEREAU**—White, edged blue.

**PALLIDA DALMATICA**—Pale blue. Most beautiful. Each, 25c.

**QUEEN OF MAY**—Soft pink, shaded blue.

Any of the above, except where noted, 15c each; 6 for 60c, prepaid.

## JAPANESE IRIS

The flowers are from six to ten inches across and of indescribable beauty; the prevailing colors being crimson, white, purple, violet, rose and lavender. They delight in rich, constant cool, and moist soil. Each, 20c; 12 for \$2.00.

## LILY-OF-THE-VALLEY

Highly fragrant and one of the most charming flowers. Too well known to need description. They love a shady situation and rapidly increase by spreading. We offer selected pips suitable either for forcing or for outdoor culture. 10 for 50c; 100 for \$3.50, postpaid: Unprepaid: 100 for \$2.75.

**LOBELIA CARDINALIS**—Indian Pink. Cardinal Flower. Flowers vivid crimson. One of the most showy of all native flowers. For the moist border. Height 3 feet. Each, 15c; 12 for \$1.50.

**LUPINUS MOERHEIMI**—Of all the Lupinus this is the best variety. Blooms throughout the summer. The fine, long spikes of pink and white colored flowers make it a grand acquisition for cutting purposes as well as for the border. Height 3 feet. Each, 15c; 12 for \$1.50.

**MYOSOSOTIS**—(Forget-Me-Not). Flourishes in moist shady situation, and is in constant bloom nearly the whole season. Seed sown in autumn will flower in early spring.

**PALUSTRIS**—The true Swamp Forget-Me-Not. Each, 15c; 12 for \$1.50.

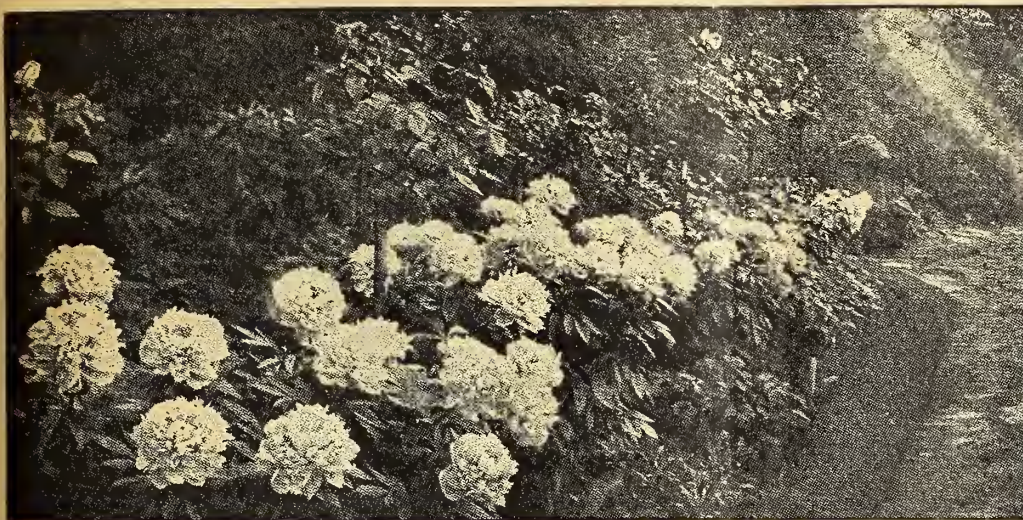


LILY OF THE VALLEY



GERMAN IRIS.





## Peonies

There is no hardy perennial which equals the Peony in beauty and usefulness. Once planted the plants and flowers increase in size and beauty with age. They are as hardy as oak and as handsome if not more handsome than roses. Delightfully fragrant. They are the "Queen of Spring Flowers" and make a grand single specimen on the lawn of your residence. They are admirable plants for graves. No matter where planted, whether only one or many, their beauty attracts everyone. The requirements are very simple—a good rich deep soil and an open sunny position. This,

however, is not absolutely necessary. They thrive almost equally well in a partly shaded position. A liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers which rival the finest roses.

Peonies require a rich loose soil and an open situation. The roots should be placed so that the crowns are covered with 2 inches of soil. Never place fresh manure close to the roots as this is the cause of non-blooming of Peonies. Do not cover your Peonies over winter as Peonies need no protection, and do not cultivate too close, and your Peonies will thrive and give an abundance of bloom. Once established, Peonies will last a great number of years. We offer only the choicest and not over-expensive varieties.

**AGIDA**—Bright red; semi-double variety. Valuable as a cut flower on account of its free blooming qualities. Each, 40c.

**ALBATRE**—Blooms of perfect pyramidal form; color milk-white with cream colored center, has ruby colored markings on some of its petals. Mid-season. Each, 75c.

**COURONNE D'OR**—One of the very choicest and best Peonies in cultivation. Immense, very full, imbricated, ball-shaped blooms, snow-white, yellow reflex. Powerfully fragrant. Late. Fine cut-flower variety. Each, 50c.

**DR. BOISDUVAL**—The largest of all dark red Peonies. Blooms very large and bell-shaped. Free bloomer. Late mid-season. Each, 75c.

**EDULIS SUPERBA**—(Syn. Duchess de Nemours). Very large blooms of perfect shape, fine brilliant pink with silvery reflex and strongly fragrant. Early. Each, 35c.

**EUGENE VERDIER**—Color blush pink, blooms large and compact, very fragrant. Late. A grand cut-flower variety. Each, \$1.50.

**FESTIVA MAXIMA**—Generally considered the finest white peony grown. Central petals marked with crimson. Fragrant and free blooming. Early. Each, 45c.

**LA GRANGE**—Large double flower, color bright red. Very floriferous and, therefore, valuable as a cut-flower. Each, 60c.

**FELIX CROUSSE**—Brilliant ruby-red. Exceptionally fiery, bright and effective. Late mid-season. Each, 65c.

**OFFICINALIS RUBRA**—This is a distinct variety differing from all others on account of its early flowering. It is through blooming before the Chinese Peonies begin to bloom. Color brilliant glowing deep crimson. Not fragrant. Each, 30c.

**FLORAL TREASURE**—(Syn. Delicatissima and Three L. Pink). A most charming pink Peony. Blooms nearly 7 inches across. Exquisitely fragrant. A splendid cut-flower variety. Each, 40c.

**MADAME EMILE GALLE**—This is probably the most eternally beautiful of all Peonies. Inexpressibly grand. Blooms large, cup shaped, imbricated. Color delicate sea-shell pink with touches of heliotrope and lilac. Late mid-season. Each, 75c.

**MADAME DE VERNEVILLE**—Very charming. Guard petals are pure white, very large, and fold over the flower. The blooms are very full and double, pure white suffused with daintiest blush, except a few cream colored petals and four red flakes on central petals. Exceptionally free blooming. A real gem. Early. Each, 50c.

**MADAME—BARRILET DESCHAMPS**—Very tender, pink, bordered white, shaded with lively silvery tints. Vigorous grower. Extra good. Each, 50c.

**MT. BLANC**—Broad snow-white guard petals, center forming a very full high cushion of creamy yellow. Strong and vigorous, producing an enormous crop of blooms. Each, 50c.

**MARIE LEMOINE**—Enormous very full bloom, sulphur white, slightly shaded chamois, narrow carmine edge. Very late. A magnificent variety. Each, \$1.00.

**LAMARTINE**—(Syn. Giganthea). Color rosy-carmine, very attractive and striking. The flowers are of gigantic size. Mid-season. Each, \$1.00.

**RUBRA SUPERBA**—(Richardson). Magnificent, rich, brilliant deep crimson without stamens, very large, full and double. Highly fragrant. Late. Each, 45c.

**VICTOR HUGO**—A most beautiful, deep red, and late blooming Peony. Each, \$1.25.

### UNNAMED PEONIES

**DOUBLE WHITE**—Each, 25c; 10 for \$1.50.

**DOUBLE PINK**—Each, 20c; 10 for \$1.25.

**DOUBLE RED**—Each, 25c; 10 for \$1.50.



## Walker's Excelsior Plant Food.

### The Essence of Plant Life.

It is an **Odorless** preparation, combining in a concentrated and soluble form every element required in plants and flowers to produce vigorous growth and a profusion of flowers and fruit. **Wonderful results are obtained, after one or two applications.** It is **immediately soluble in water**, and available to plant life from the moment of application.

**WALKER'S EXCELSIOR PLANT FOOD** is valuable for all living plants, lawns, the flower and vegetable garden, shrubbery, fruit and shade trees. It assists in retaining moisture, will mature plants from two to three weeks earlier. Where the plant food has been used Boll Weevil, cut worms, wire worms cannot live. Sold in powdered form and is used by dissolving in water.

2½ ounce size making 3 gallons, \$ .15 postpaid.	
5 " " " 6 " .30 "	
12 " " " 15 " .50 "	
5 pound " " 100 " 2.00 "	



**PARDANTHUS SINENSIS**—(Blackberry Lily). Lily-like flower of bright orange color, flowering freely during July and August, followed with seed pods which resemble blackberries. New and interesting. Height 2½ feet. Each, 15c; dozen, \$1.25, postpaid. Unprepaid: 25 for \$1.00; 100 for \$3.50.

**TUFTED PANSIES**—Perfectly hardy, thriving in any good garden soil and bloom all summer till hard frosts. The blooms are deep purple, fragrant, and closely resemble the single hardy violet. Height 9 inches. Each, 20c; 12 for \$2.00.

### HARDY PHLOX

**ALCESTE**—Deep purple violet.....Each, 15c; 12 for \$1.50

**BRIDESMAID**—White with carmine eye. Each, 15c; 12 for 1.50

**COQUELICOT**—Orange-scarlet .....Each, 15c; 12 for 1.50

**INDEPENDENCE**—Pure white .....Each, 15c; 12 for 1.10

**LA VOGUE**—Bright pink .....Each, 15c; 12 for 1.15

**R. P. STRUTHERS**—Carmine with red eye .....Each, 15c; 12 for 1.50

**PYRETHRUM HYBRIDUM**—Very handsome and valuable hardy perennial plants of easy culture. A grand cut flower.

**ROSEUM KELWAY'S HYBRIDS**—The flowers of this strain grow to an enormous size of 12 inches in circumference and present all the beautiful variations of color between light rose, pink and deep carmine. Each, 15c; 12 for \$1.50.

**RUDBECKIA GOLDEN GLOW**—One of the finest of all perennials, strong vigorous grower, producing beautiful double golden yellow flowers in great profusion. Height 5 feet. Each, 15c; 12 for \$1.50.

**VERONICA LONGIFOLIA SUBSESSILIS**—Is destined to create as much furor in the flower world as did the Golden Glow. It is the handsomest blue-flowered plant we know of, growing to a height of 2 feet and completely studded with its spikes of blue flowers. Its flowers are fine for cutting. It is perfectly hardy and increases in strength and in beauty each succeeding year. It makes the best blue-flowered, hardy border plant obtainable. Height 2 feet. Each, 15c; 12 for \$1.50.

**VINCA MINOR**—Common Periwinkle. Grave Myrtle. One of the best plants for covering the ground in deep shade, especially under trees and in cemeteries. It is a hardy trailing plant with evergreen shining foliage and large dark blue flowers. Height 4 inches. Each, 10c; 12 for \$1.00.

**VIOLET**—Hardy English. Entirely hardy, of deep violet purple color, and most deliciously fragrant. Will grow and bloom in any garden and is valuable for cemetery work. Prefers shade. Each, 15c; 12 for \$1.50.

**HOW TO GROW AND TAKE CARE OF PEONIES**—A cultural leaflet that will be mailed free when requested with orders. Your Peonies will bloom and do well if you will follow these directions.

**SEDUM**—Stonecrop. Live-Forever. Pretty perennials, with fleshy leaves in rosettes and profusion of brilliantly colored flowers. Most hardy.

**SEDUM SPECTABILE BRILLIANT**—Flat heads of bright amaranth flowers. Very showy. Height 2 feet. Each, 25c; 12 for \$2.50.

**SEDUM STOLONIFERUM COCCINEUM**—Crimson Stonecrop. Largely used by European florists in cemetery work. Handsome masses of crimson flowers; a fine trailing cover plant, uncommon in this country, but desirable. Height 3 inches. Each, 20c; 12 for \$2.00.

**SWEET WILLIAM**—(Dianthus Barbatus). A favorite old fashioned perennial, with sweetly scented flowers of extreme richness and a great variety of colors, effective for beds or mixed borders. Perfectly hardy.

**PERFECTION MIXTURE**—The finest extra large flowering single varieties, such as Holborn Glory, Johnson Giant, Auricula flowered, etc., and will produce magnificent flowers of the most beautiful shades and markings. Each, 15c; 12 for \$1.50.

**TRITOMA HYBRIDA MIRABILIS**—Tritomas are popularly known as "Flame Flowers, Torch Lillies, Red Hot Poker" and are one of the most striking plants in cultivation. No one who has ever seen their pyramidal spikes of blazing red flowers is likely to forget when and where he discovered this plant. The long fiery untamed red of the drooping flowers, one hundred on a spike, is a memorable sight. A sky-rocket is not more startling. They require protection during the winter but are of very easy culture. Each, 20c; 12 for \$2.00.

### THE FIRST GIANT YELLOW CANNA

A King Humbert "sport," changed in color and leaf, but with the same Giant Flower and Spike and "Musa" like foliage.

#### Yellow King Humbert

Yellow King Humbert is a pure, rich golden yellow, softly spotted red; at a distance the effect is a solid golden yellow. The spikes and bloom are of giant proportions, the individual flowers measuring from 5 to 7 inches across while the large petals measure 3½ in. Spikes have been noted to carry 5 and 6 fully developed flowers open at one time. Planted with its parent, the bronze leaved King Humbert (the leading Canna in use today), no color contrast ever attempted with these tropical flowers, can excel the effect produced. The best Canna Bed in the S. A. F. Convention Garden at Bronx Park, N. Y. (Honorable mention).



YELLOW KING HUMBERT

Price, per dozen, \$1.25; per 100, \$9.00; per 1,000, \$80.00.

### Special Offer on Seeds in Packets and Ounces

For a remittance of \$1.00 for which you order seed in packets and ounces ONLY, you may select seeds in packets and ounces ONLY to the value of \$1.25, and according to the following table:

For a remittance of \$1.00 for packets and ounces, select \$1.25 worth of seeds in packets and ounces ONLY.  
For a remittance of \$2.00 for packets and ounces, select \$2.50 worth of seeds in packets and ounces ONLY.  
For a remittance of \$3.00 for packets and ounces, select \$4.00 worth of seeds in packets and ounces ONLY.  
For a remittance of \$4.00 for packets and ounces, select \$5.60 worth of seeds in packets and ounces ONLY.  
For a remittance of \$5.00 for packets and ounces, select \$7.00 worth of seeds in packets and ounces ONLY.  
And for every additional dollar, you may select 40c more of seed in packets and ounces ONLY.

However, do not overlook that this offer applies to PACKETS AND OUNCES ONLY, and we give no premium on seed bought in lots of ¼, ½ and 1 lb., nor on seeds in Pints, Quart etc. If your order amounts to over \$2.00 and you do not specify the kind of seed you wish as a premium, we will send you credit memorandum for packet and ounce seeds to the amount of your premium.





# Hardy Vines

**AKEBIA QUINATA**—A beautiful hardy Japanese vine, with unique foliage and chocolate-purple flowers of delightful fragrance in large clusters. Each, 50c.

**AMPELOPSIS VETCHII**—Boston or Japan Ivy. A grand hardy climbing vine, for covering houses, schools, churches, etc., with glossy ivy leaves over-lapping each other. It clings firmly to the smoothest surface of rock or wood. The finest vine for brick walls. It will attain a height of 30 feet in two or three years. Strong field grown plants, each, 25c; 3 for 60c.

**A. QUINQUEFOLIA**—Virginia Creeper. Has beautiful digitate leaves that become rich crimson in autumn; a very rapid grower; strong plants, each, 25c; 3 for 60c.

**A. ENGELMANNI**—One of the hardiest, best and quickest growing climbers for the North and Northwest. Vastly superior to Virginia Creeper, the foliage being cleaner, of greater substance and not turning yellow during the early fall, and almost free from insects. The leaves color up beautifully in the fall. Strong plants, each, 25c; 3 for 60c.

**APIOS TUBEROSA**—A hardy tuberous rooted climber, resembling in miniature the common Wistaria in vine and foliage. Height 4 to 8 feet. Each, 5c; 10 for 40c.

**ARISTOLOCHIA SIPHO**—Dutchman's Pipe. Very hardy, strong growing vine with large, peculiar heart-shaped leaves. Curious pipe-shaped flowers of yellowish brown. Each, 50c.

**BIGONIA RADICANS**—Trumpet Vine. A strong, rapid grower, of rather bushy habit and bearing large flowers of brilliant orange red. Each, 40c.

**CELASTRUS SCANDENS**—Bitter Sweet. A native climber with handsome glossy foliage and large clusters of beautiful orange-crimson fruit retaining all winter. Each, 35c.

**CINNAMON VINE**—A rapid growing climber with delicate fragrant white flowers. Quite hardy. Height 25 to 40 feet. Strong roots. Each, 10c; 10 for 80c.

**CLEMATIS HENRYII**—A free grower and profuse bloomer. Flowers are single, creamy white and very large.

**CLEMATIS M. ED. ANDRE**—Flowers large and of beautiful bright velvety red; very free flowering.

**CLEMATIS JACKMANII**—Large intense violet purple flowers, remarkable for their velvety richness. Free in growth and an abundant bloomer.

PRICE of above, strong 2 years, each, 50c; 3 for \$1.35.

**JAPANESE CLEMATIS**—The finest small flowered Clematis in existence. Absolutely hardy, luxuriant grower and profuse bloomer with clean dark green shining foliage; particularly useful for covering verandas, pillars, fences, etc.; the flowers are small, star-shaped and exceedingly fragrant; when in bloom gives an appearance of a snow-bank. It flowers in September when few other vines are in bloom. Of all climbers this is the most desirable.

	Each	3	10
By mail, postpaid....	\$0.30	\$0.80	\$2.50
Not prepaid .....	.25	.65	2.00

## LONICERIA HONEYSUCKLE

**HECKROTTI**—A fine variety with large flowers of dark rich red and creamy yellow color. Very fragrant and blooms all summer.

**BELGICA**—Monthly fragrant or Dutch Honeysuckle. A rapid growing variety, flowers large, very sweet. A constant bloomer.

**JAPONICA HALLEANA**—Almost ever-green variety, flowers pure white, changing to yellow. Is very fragrant and blooms from July to November.

PRICES of above. Each, 45c; 3 for \$1.25; 10 for \$3.50.

**IPOMEA PANDURATA**—A strong growing climber, absolutely hardy, thriving in the poorest soil. Flowers are abundant, pure white with purple throat, foliage is luxuriant. On account of its hardiness a valuable climbing plant for the North. Strong roots. 15c each; 10 for \$1.25.



CLEMATIS JACKMANII.

**MATRIMONY VINE**—A vigorous climbing bush with small star-shaped purple flowers, succeeded by bright scarlet berries, which remain on the vine all winter. Commonly used as trailer and to hold the soil in place. Each, 35c; 3 for 90c.

## WISTARIA

**CHINESE PURPLE**—W. Sinensis. One of the most elegant and rapid growing of all climbing plants, attains immense size, has long pendulous clusters of pale blue flowers in May and June, also blooms late in autumn. Each, 50c.

**CHINESE WHITE WISTARIA**—W. Alba. Has the same characteristics as the foregoing variety, but the flowers are pure white. Each, 50c.

## SPECIAL PURPOSE CLIMBERS

**CLIMBERS FOR SHADY PLACES**—Aristolochia Sipho, Celastrus, Apios Tuberosa, Akebia Vine, Honeysuckles.

**CLIMBERS FOR HOT SUNNY SITUATION**—Bignonia Radicans, Clematis Paniculata, Honeysuckles.

**CLIMBERS FOR NORTH ASPECT**—Clematis, all large flowering types such as C. Jackmanii, Henryii, etc., Ampelopsis, Veitchii (Boston Ivy).

**CLIMBERS FOR EASTERN ASPECT**—Ampelopsis, Engelmannii, Cinnamon Vine, Matrimony Vine.



WISTARIA.



# Shade and Ornamental Trees

## JUDAS TREE. RED BUD

*Cercis Canadensis*. A very ornamental native tree of medium size; irregular, rounded form, with heart-shaped leaves of a pure green color. The tree derives its name from the profusion of delicate reddish-purple flowers, with which it is covered before the foliage appears. One of the finest of our ornamental trees.

	Each	Two	Ten
4-5 ft. high.....	\$0.85	\$1.60	\$7.00
5-6 ft. high.....	1.00	1.85	8.50

## ELM. ULMUS.

**AMERICAN WHITE ELM**—*U. Americana*. Growth 50 to 60 ft. in height. In the estimation of many people it has no superior for street planting or large lawns; wide spreading branches, and rapid growth. Should have plenty of room to develop.

	Each	Two	Ten
4-5 ft. high.....	\$0.40	\$0.70	\$2.75
6-8 ft. high.....	.65	1.10	4.50

**SCOTCH ELM**—*U. Campestris Latifolia*. A very robust tree with large leaves. One of the best shade trees. Highly colored until late fall.

	Each	Two	Ten
5-6 ft. high.....	\$0.60	\$1.10	\$5.00
6-8 ft. high.....	.70	1.30	6.00

**EUROPEAN LARCH**—A beautiful rapid growing pyramidal tree, with all the characteristics of an evergreen, except that it drops its foliage in the autumn. Perfectly hardy, does exceptionally well on moist or even marshy ground. Valuable for timber.

	Each	Two	Ten
2-3 ft. high.....	\$0.50	\$0.90	\$4.00
3-4 ft. high.....	.60	1.10	5.00

## HORSE CHESTNUT. AESCULUS.

**EUROPEAN WHITE FLOWERING**—This well known species forms a large sized tree, of handsome, regular outline, is very hardy and free from all diseases. In May is covered with erect panicles of white flowers, lightly marked with red. As a lawn tree or for the street it has no superior and the wonder is that this tree is but rarely planted in this country. It is in every way superior to the Native Buckeye and cannot be compared to it. It grows faster and makes an elegant tree quite different in outline than the Buckeye tree.

	Each	Two	Ten
4-5 ft. high.....	\$0.80	\$1.50	\$6.50
5-6 ft. high.....	.85	1.60	2.85

## BIRCH. BETULA.

**CUT-LEAVED WEEPING BIRCH**—One of the most poplar of all weeping pendulous trees, graceful drooping branches, silver white bark, and delicately cut foliage, one of the most beautiful lawn trees.

	Each	Two	Ten
4-5 ft. high.....	\$0.85	\$1.60	\$7.00
5-6 ft. high.....	.95	1.75	7.75

**EUROPEAN WHITE BURCH**—A graceful tree with silver bark and slender branches quite erect when young, but after 4 or 5 years growth assumes an elegant drooping habit, making the tree very effective in landscape.

	Each	Two	Ten
3-4 ft. high.....	\$0.60	\$1.00	\$4.25
5-6 ft. high.....	.90	1.60	6.75

## CATALPA

**CHINESE CATALPA. C. BUNGEII**—Of dwarf habit growing about 8 ft. high, foliage large and glossy, a shy bloomer, top grafted on tall stems. It makes an effective umbrella-shaped tree.

	Each	Two	Ten
5-6 ft. high, 2 years heads .....	\$1.50	\$2.75	\$12.50
6-8 ft. high, 2 years heads .....	1.65	3.00	14.50

**HARDY or WESTERN CATALPA**—*C. Speciosa*. It is finer and harder than the common catalpa, hence better adapted to forest and ornamental planting. It is also a very early bloomer.

	Each	Two	Ten
4-5 ft. high.....	\$0.40	\$0.75	\$2.50
6-8 ft. high.....	.80	1.50	5.00

**DECIDUOUS TREES and SHRUBS** is the title of our leaflet telling how to plant and take care of these. You will have a perfect success even if you have no experience if the clear cultural directions are followed. It will be mailed to you free if requested on the order.

## ASH. FRAXINUS.

**AMERICAN WHITE ASH**—A rapid growing native tree, valuable for planting along streets or in parks. May be extensively planted for timber, and is especially valuable in the manufacture of agricultural implements.

	Each	Two	Ten
4-5 ft. high.....	\$0.35	\$0.60	\$2.50
6-8 ft. high.....	.45	.75	3.00

## BEECH. FAGUS

**RIVERS BLOOD-LEAVED BEECH**—*F. Sylvatica Purpurea Riversii*. Where a large tree with purple foliage is wanted, nothing equals this. It is generally conceded to be the finest of all purple leaved trees.

	Each	Two	Ten
4-5 ft. high.....	\$1.75	\$3.00	\$13.00

**CRAB, BECHTEL'S DOUBLE FLOWERING**—One of the most beautiful of many fine varieties of flowering crabs, tree of medium size, covered in early spring with large beautiful double fragrant flowers of a delicate pink color. A great acquisition to a lawn, blooms when quite young.

	Each	Two	Ten
3-4 ft. high.....	\$0.90	\$1.75	\$8.00
4-5 ft. high.....	1.00	1.85	8.50



CATALPA BUNGEII.



WIER'S CUT LEAF MAPLE.



NORWAY MAPLE.



**LINDEN. TILLIA.**

**AMERICAN LINDEN**—Basswood. Grows 50 to 60 ft. high and is one of the best large sized, rapid growing trees; should be given plenty of room to develop. Leaves are large sized, and flowers very fragrant.

	Each	Two	Ten
4-5 ft. high.....	\$0.60	\$1.10	\$5.00
5-6 ft. high.....	.70	2.30	6.25

**EUROPEAN LINDEN**—Develop into symmetrical trees that are splendid for lawn, park or street planting.

	Each	Two	Ten
4-5 ft. high.....	\$0.75	\$1.50	\$5.75
6-8 ft. high.....	.90	1.70	7.75

**LOCUST. ROBINIA.**

**PSEUDO-ACACIA**—Black or Yellow Locust. A valuable tree for its timber as well as ornamental. The flowers are in long racemes, white or yellowish, highly fragrant.

	Each	Two	Ten
4-5 ft. high.....	\$0.45	\$0.80	\$3.25
6-8 ft. high.....	.65	1.20	4.75

**HONEY LOCUST**—(American). *Gleditsia triacanthos*. A rapid growing native tree with powerful spines and delicate foliage; very useful for hedges.

	Each	Two	Ten
5-6 ft. high.....	\$0.45	\$0.75	\$3.50
6-8 ft. high.....	.50	.85	4.25

**MAIDENHAIR TREE. GINGKO BILOBA.**

This tree is remarkable as a deciduous member of the Pine family with leaves that resemble those of the Maidenhair Fern. It is very valuable because it withstands the unnatural conditions of our cities, and is immune from ordinary attacks of insects. Highly ornamental. Of medium height. Pyramidal in growth.

	Each	Two	Ten
4-5 ft. high.....	\$0.80	\$1.50	\$6.50
5-6 ft. high.....	.90	1.65	7.25

**WEIR'S CUT LEAVED SILVER MAPLE**

A beautiful tree with cut or dissected foliage. Rapid grower with long slender drooping branches, often sweeping the ground. Foliage is abundant, silvery underneath, and on the young wood, especially deeply and delicately cut.

	Each	Two	Ten
5-6 ft. high.....	\$0.75	\$1.40	\$5.50
6-8 ft. high.....	.90	1.75	7.50

**MOUNTAIN ASH. SORBUS**

**EUROPEAN MOUNTAIN ASH**—A small tree, with shining pin-nate leaves; covered from mid-summer to winter with white flowers, followed by clusters of bright red fruit. Tree is upright, stocky growth.

	Each	Two	Ten
5-6 ft. high.....	\$0.65	\$1.25	\$4.50
6-8 ft. high.....	.85	1.60	6.50

**OAK LEAVED MOUNTAIN ASH**—A hardy tree of pyramidal habit with bright foliage, green above and downy beneath. Makes a very fine lawn tree.

	Each	Two	Ten
5-6 ft. high.....	\$0.75	\$1.40	\$5.50
6-8 ft. high.....	.90	1.40	7.50

**MULBERRY. MORUS.**

**RUSSIAN**—Largely planted for screens and windbreaks; fruit which is rather small, is greatly appreciated by birds and domestic fowls.

	Each	Two	Ten
3-4 ft. high.....	\$0.25	\$0.45	\$2.00
Seedlings, 1 to 1 ft. high, \$2.25 per 100.			

**WEeping MULBERRY**—One of the most graceful of weeping trees. Forms a perfect umbrella-shaped head, with long slender branches, drooping to the ground, parallel to the stem. It has beautiful small foliage beautifully cut. 2 year heads, \$2.00 each.

**MAPLE. ACER.**

**NORWAY MAPLE**—Has a large compact body, with a broad top; green foliage. One of the most desirable species for streets and lawns.

	Each	Two	Ten
5-6 ft. high.....	\$0.75	\$1.40	\$6.00
6-8 ft. high.....	.80	1.50	6.50

**PURPLE LEAF**—A Schwedleri. Its beautiful leaves attract attention at all seasons of the year. In the spring the foliage is a purplish crimson, changing to dark green during the summer, and fading to tones of purple, red and brown in the fall. Has the same form and other characteristics of the Norway Maple.

	Each	Two	Ten
4-5 ft. high.....	\$1.25	\$2.25	\$11.00
5-6 ft. high.....	1.50	2.75	13.00

**SILVER MAPLE**—Also called Soft Maple. A hardy, native tree of rapid growth, growing to a large size. Valuable for producing thick shade. We offer especially fine trees for street planting with high set branches.

	Each	Two	Ten
6-8 ft. high.....	\$0.50	\$4.00	\$30.00
8-10 ft. high.....	.75	5.00	40.00

1 to 1½ ft. high, 25 for 65c; 100, \$1.25.

**SUGAR or ROCK MAPLE**—Also called Hard Maple. Very popular American variety. Its stately form and fine foliage rank it among the very best trees, both for lawns and streets.

	Each	Two	Ten
5-6 ft. high.....	\$0.75	\$1.40	\$5.50
6-8 ft. high.....	.90	1.75	7.50

**PLANE SYCAMORE PLATANUS**

**P. OCCIDENTALIS**—A large rapid growing tree, suitable for street planting. Attains a height of 40 to 50 feet.

	Each	Two	Ten
5-6 ft. high.....	\$0.75	\$1.30	\$5.00
6-8 ft. high.....	.85	1.50	6.00

Seedlings, 1 to 1½ ft., 25 for 85c; 100 for \$3.25.

**POPLAR. POPULUS.**

**CAROLINA POPLAR**—Pyramidal in growth, and robust in growth; leaves large, glossy, serrated, pale to deep green, valuable for street planting and very rapid grower.

	Each	Two	Ten
5-6 ft. high.....	\$0.35	\$0.60	\$2.50
8-10 ft. high.....	.50	.90	3.75

**LOMBARDY or ITALIAN POPLAR**—Attains a height of 100 to 150 feet; well known and remarkable for its erect, rapid growth, and tall spiry form; indispensable in landscape gardening to break the ordinary outline of most other trees.

	Each	Two	Ten
5-6 ft. high.....	\$0.45	\$0.80	\$3.25
6-8 ft. high.....	.55	.95	3.75

**TREE OF HEAVEN. AILANTHUS.**

Also called Chinese Sumach. A lofty, rapid growing tree, with long elegant foliage, very useful to produce tropical effects.

	Each	Two	Ten
5-6 ft. high.....	\$0.75	\$1.40	\$6.00
6-8 ft. high.....	.90	1.65	7.50

**WALNUT. JUGLANS.**

**BLACK WALNUT**—Perfectly hardy tree of great size and majestic habit. Bark very dark, and deeply furrowed. Foliage beautiful, each leaf being composed of from thirteen to seventeen leaflets.

	Each	Two	Ten
4-5 ft. high.....	\$0.50	\$0.90	\$3.50

**WILLOW. SALIX.**

**PUSSY WILLOW**—*Salix discolor*. A small tree with upright or ascending branches. Catkins appearing in early spring before the leaves appear. Very handsome in flower and greatly esteemed.

	Each	Two	Ten
2-3 ft. high.....	\$0.45	\$0.60	\$2.75
12 to 18 inches high, \$18.00 per 100.			

**BABYLONIAN WEEPING WILLOW**—A well known graceful tree of large size. Its fresh bright green tint and long wavy branches make it very attractive.

	Each	Two	Ten
4-5 ft. high.....	\$0.45	\$0.75	\$3.00
5-6 ft. high.....	.55	.95	4.00



# Hardy Evergreens. Coniferae

All of our Evergreens have been transplanted two or three times, are handsome selected trees, well branched and rooted.

Evergreens can be most successfully transplanted a short time before they are ready to start into growth in the spring. This permits of planting during the early spring, April or May. They can also be planted safely very early in the fall. The soil to receive them should be mellow and fine, and great care taken that it is well packed about the roots after they have been well spread out in a natural position.

Whenever possible we dig with ball of earth and wrap same in damp burlap. When this is not possible we pack roots in wet moss right after digging.

**VERY IMPORTANT**—Do not let the sun or wind strike the roots of Evergreens even for a few minutes; you will kill them if you do.

**CULTURAL LEAFLET**—Evergreen Trees and Shrubs. Free with orders if asked for.

**SHIPPING DIRECTIONS**—Always give full and explicit shipping directions as our responsibility ends on delivery of trees and shrubs in good condition to the freight or express office. Shipping usually begins about March 15th and again about October 1st. Place orders early while assortments are complete.

**OUR PRICES** do not include prepayment, you are to pay the charges. Prices include cost of digging with a ball of earth and burlaping.

**EVERGREEN TREES AND SHRUBS** is the title of our leaflet telling how to plant and take care of these. You will have a perfect success even if you have no experience if the clear cultural directions are followed. It will be mailed free to you if requested on the order.

## FIR AND SPRUCE. ABIES.

**BALSAM FIR**—A very erect, regular pyramidal tree, with dark green foliage; grows rapidly and is very hardy.

	Each	Two	Ten
3-4 ft. high.....	\$1.50	\$2.75	\$11.00
2-3 ft. high.....	1.00	1.75	7.00

**DOUGLAS SPRUCE** From Colorado. Large conical form, branches spreading horizontally; leaves bright green above, glaucous below.

	Each	Two	Ten
2-3 ft. high.....	\$1.50	\$2.75	\$11.00
18 to 24 inches high.....	1.00	1.75	7.00

## JUNIPERUS. RED CEDAR, JUNIPER.

**IRISH JUNIPER**—A distinct and beautiful variety of an erect, dense, conical outline, resembling a pillar of green. Very desirable.

	Each	Two	Ten
18 to 24 inches high.....	\$1.00	\$1.75	\$7.00
12 to 18 inches high.....	.90	1.65	6.00

**PFITZERIANA**—One of the best Junipers. Makes rapid growth. Boughs are of a thick, rich green, and inclined to droop, making it one of the most desirable as a specimen plant or excellent for rock gardens, where perpetual green is desired. It attains a height of about 12 feet.

	Each	Two	Ten
18 to 24 inches high.....	\$2.00	\$3.75	\$16.00
2 to 3 feet high.....	3.00	5.50	25.00

**RED CEDAR**—J. Virginiana Schottii. Best of all the green Junipers; fine pyramidal form with foliage of a peculiar bright green. Makes a fine ornamental hedge plant.

	Each	Two	Ten
18 to 24 inches high.....	\$2.00	\$3.75	\$16.00
2 to 3 feet high.....	3.00	5.50	25.00

## PICEA. SPRUCE.

**BLACK HILLS SPRUCE**—P. Canadensis. An elegant tree, with drooping branches and fine yew-like foliage. Perfectly hardy.

	Each	Two	Ten
12 to 18 inches high.....	\$1.00	\$1.75	\$6.00
18 to 24 inches high.....	1.40	2.50	11.00

**NORWAY SPRUCE**—P. Excelsa. Rapid in growth; graceful, drooping branches long and dense in structure; regular in outline and perfectly hardy.

	Each	Two	Ten
12 to 18 inches high.....	\$0.65	\$1.20	\$5.00
2 to 3 feet high.....	.85	1.50	6.75

**SERBIAN SPRUCE**—P. Omorika. A distinct and remarkably ornamental species of dense growth, with narrow outline, having shiny leaves of dark green with white lines above.

	Each	Two	Ten
2 to 3 feet high.....	\$2.50	\$4.50	\$20.00

## TAXUS. YEW.

**CUSPIDATA**—Japanese Yew. One of the hardiest of spreading habit, foliage light green. 2 to 3 feet, each, \$4.50.



KOSTER'S BLUE SPRUCE.

**KOSTER'S BLUE SPRUCE**—The richest colored of the tinted evergreens and perfectly hardy under all conditions. A rapid vigorous grower with close branches and brilliant, rich, silvery blue foliage. A beautiful tree for any lawn. We offer especially selected, well shaped trees.

	Each	Two	Ten
12 to 18 inches high.....	\$2.00	\$3.75	\$17.00
2 to 3 feet high.....	5.50	10.50	50.00
18 to 24 inches high.....	5.00	9.75	45.00

## PINUS. PINES.

**AUSTRIAN PINE**—P. Laricio var. Austriaca. Grows to a remarkable height; very robust, with long, stiff leaves and deep green foliage; hardy everywhere and valuable for planting as windbreaks, screens, etc. A very rapid grower.

	Each	Two	Ten
12 to 18 inches high.....	\$0.60	\$1.10	\$5.00
18 to 24 inches high.....	.80	1.50	7.00
2 to 3 feet high.....	1.75	3.25	15.00

**WHITE PINE**—P. Strobus. Most ornamental of all our native pines; foliage light, delicate and silvery green; flourishes in almost the poorest of light sandy soils. Perfectly hardy.

	Each	Two	Ten
12 to 18 inches high.....	\$0.60	\$1.10	\$5.00
18 to 24 inches high.....	.80	1.50	7.00
2 to 3 feet high.....	1.75	3.25	15.00

**SCOTCH PINE**—P. Sylvestris. A native of the British Isles; fine, robust and rapid growing tree, with stout red shoots, and silvery green foliage; very hardy and valuable for shelter.

	Each	Two	Ten
12 to 18 inches high.....	\$0.60	\$1.10	\$5.00
18 to 24 inches high.....	.80	1.50	7.00
2 to 3 feet high.....	1.75	3.25	15.00

## THUYA. ARBOR VITAE.

**AMERICAN ARBOR VITAE**—A beautiful native tree, commonly known as the White Cedar. Especially valuable for screens and hedges.

	Each	Two	Ten
12 to 18 inches high.....	\$0.49	\$0.75	\$3.50
18 to 24 inches high.....	.55	1.00	4.50

**PYRAMIDAL ARBOR VITAE**—T. Orientalis var. Pyramidalis. Of upright, pyramidal, compact habit. Very desirable.

	Each	Two	Ten
18 to 24 inches high.....	\$1.25	\$2.25	\$10.00
12 to 18 inches high.....	1.15	2.00	9.00

**SIBERIAN ARBOR VITAE**—T. Orientalis var. Siberica. One of the best; exceedingly hardy, keeping its color well in winter; growth compact and pyramidal; of great value for ornaments screens and hedges.

	Each	Two	Ten
12 to 18 inches high.....	\$1.00	\$1.75	\$8.00
18 to 24 inches high.....	1.25	2.25	10.00



# Ornamental and Flowering Shrubs

**ARTEMISIA ABROTANUM**—Old Man or Southern Wood. Dark green, finely cut foliage, with pleasant aromatic odor. Absolutely hardy. Height 3 feet. Each, 25c; 10 for \$1.75, postpaid.

**ALMOND DOUBLE FLOWERING**—Beautiful small shrubs, bearing an abundance of small double rose-like flowers in May, closely set upon the twigs, before the leaves appear. Height 5 feet.

**DOUBLE PINK or DOUBLE WHITE**—2 to 3 feet; each, 45c, postpaid.

**ALTHEA FRUTEX**—Rose of Sharon. Fine free flowering shrub, desirable on account of blooming in August and September. Requires protection over winter in our locality, but is hardy south of the state line and in the Eastern states. Height 9 feet.

**DOUBLE PINK**—Each, 45c; 3 for \$1.10, postpaid.

**BERBERIS**—Barberry. Thunberg's Barberry. B. Thunbergii. A pretty species from Japan of dwarf growth, small foliage, changing to beautiful coppery-red in autumn. Valuable as an ornamental hedge and perfectly hardy. Prices given below are prepaid:

	Each	Three	Ten	100
12 to 18 inches high.....	\$0.30	\$0.65	\$2.25	\$10.00
18 to 24 inches high.....	.35	.80	2.75	14.00

**EUROPEAN BARBERRY**—B. Vulgaris. A handsome deciduous shrub, with yellow flowers and terminal drooping racemes; blooms in May and June followed with orange scarlet fruit. Prices same as Thunberg's Barberry.

**PURPLE LEAVED BARBERRY**—B. Vulgaris Purpurea. Beautiful shrub, growing 3 to 5 feet high, with violet purple foliage and fruit; very effective in groups or masses or planted by itself. Prices same as for Thunberg's Barberry.

**BUDLEYA VARIABILIS VETCHIANA**—Summer Lilac, Butterfly Bush. A desirable summer flowering shrub, beginning to bloom from July to frost. The flowers are of pleasing shade of violet-mauve, and are borne in dense cylindrical spikes, which are 12 to 15 inches in length by 3 inches in diameter. Not hardy in our locality, but hardy further south. Height 5 feet. Strong plants, each, 35c; 10 for \$2.50.

**BUTTERFLY BUSH**—See Budleya.

**BURNING BUSH**—See Euonymus.

**CALYCANTHUS FLORIDUS**—Sweet Shrub. Grows from 6 to 8 feet high, with double purple fragrant flowers; wood and foliage is also fragrant. Blooms in May and in intervals till frost. 18 to 24 inches, each, 35c; 10 for \$3.00.

**CURRENT**—Flowering. See Ribes.

**CHIONANTHUS VIRGINICA**—White Fringe. Large shrub with heavy leaves almost hidden in spring by a thick mist of fragrant, drooping white flowers. Height 9 to 15 feet. 18 to 24 inches, each, 35c; 10 for \$3.00.

**CLETHRA ALNIFOLIA**—Sweet Pepper Bush. A dwarf growing native shrub, with sweetly scented white flowers. Not hardy in our locality. Height 3 to 5 feet. Each 35c; 10 for \$3.00.

**CORNUS**—Dogwood. C. Sanguinea. Red Branched Dogwood. A strong growing bush with crimson colored branches; especially attractive in winter. Height 8 feet. 18 to 24 inches high, each, 25c; 10 for \$2.00.

**CORNUS SIBERICA**—A strong growing shrub with crimson colored branches in winter. Flowers white in numerous small flat-topped clusters. 18 to 24 inches high, each, 25c; 10 for \$2.00.

**CRATAGEUS**—Hawthorn. C. Crus Galli. A broad, round-topped shrub with very spiny branches. The large clusters of white flowers are very showy and contrast strikingly with the shining green leaves. The crimson colored fruits hang from the branches all winter. Height 4 feet. 1 to 1½ feet, bushy, each, 60c; 10 for \$4.50.

**XYDONIA JAPONICA**—Pyrus. Japan Quince. Has bright scarlet and crimson flowers in great profusion in the early spring; foliage is bright green and glossy, and retains its color the entire summer, which renders the plant very ornamental; makes a most beautiful flowering hedge. Height 6 feet. 18 to 24 inches high, each, 35c; 10 for \$2.25.

## DEUTZIA

**D. GRACILIS**—A charming species of dwarf habit; flowers pure white; free flowering and sweetly scented. Height 3 to 4 feet. Bushy 1 to 1½ feet high, each, 35c; 10 for \$2.75.

**PRIDE OF ROCHESTER**—Produces large, double flowers, the back of the petals being slightly tinged with rose; excels in size of flower length of panicles and profuseness of bloom. Vigorous grower and hardy. 1 to 1½ feet high, each, 35c; 10 for \$2.50.

**DOGWOOD**—See Cornus.

**ELEAGNUS**—Russian Olive. Silver Thorn. A very large shrub or small tree with narrow leaves of silvery white color; blossoms are small yellow, very strongly fragrant. Absolutely hardy. 12 to 18 inches high, each, 35c; 10 for \$3.00.

**ELDER**—See Sambucus.

**FRINGE**—See Chionanthus and Rhus Cotinus.

**EUONYMUS**—Strawberry or Burning Bush. E. Atropurpureus. An ornamental evergreen shrub or small tree; leaves long and narrow, of a purplish color. Flowers are purple and borne in clusters, blooms in June, followed by small scarlet berries. 3 to 4 feet, each, 50c.

**EXOCHORDA GRANDIFLORA**—Pearl Bush. A vigorous growing shrub, forming a compact bush. Pure white flowers borne on slender racemes, on light and wiry bushes that bend beneath their load of bloom. Hardy. Flowers in May. Height 10 feet, 2 to 3 feet high, each, 75c.

**FORSYTHIA**—Golden Bell. F. Fortunei. A pretty shrub of medium size from China. Flowers are drooping, yellow, and appear very early in the spring, before the leaves. Foliage deep green. Height 6 feet. 18 to 24 inches, each, 35c; 10 for \$2.25.

**FORSYTHIA VIRDISSIMA**—Fine hardy shrub; leaves a fine deep green, flowers deep yellow, blooms very early. 18 to 24 inches high, each, 30c; 10 for \$2.25.

**GOLDEN BELL**—See Forsythia.

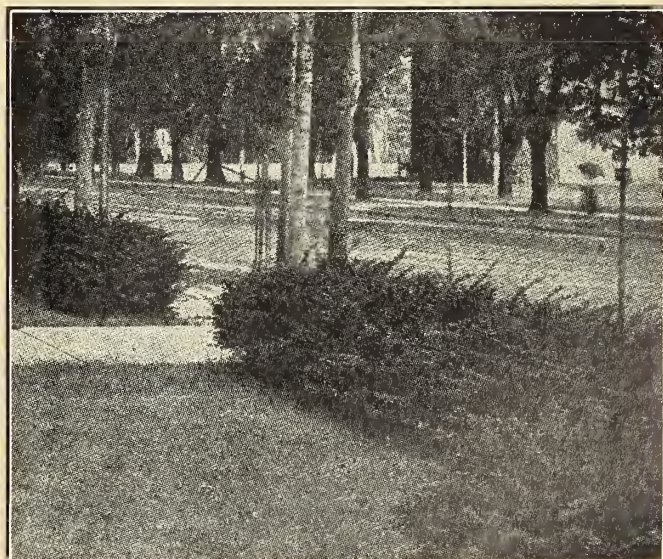
**HYDRANGEA PANICULATA GRANDIFLORA**—One of the best shrubs in cultivation. Is a strong grower and produces large panicles of white flowers in August, which change to a delicate pink and then green, lasting until winter. To produce the best results should be grown in rich soil, with plenty of manure. It is very showy, hardy and effective shrub. Strong plants, each, 45c; 2 for 80c; 3 or more, 35c, each.

**HYDRANGEA GRANDIFLORA SNOWBALL**—New American Hydrangea which was found growing wild in the woods of Ohio. A most beautiful, hardy flowering shrub. Its greatest value aside from its beauty, is that it comes into bloom just after the flowering time of the lilacs and continues on into August. The panicle is like a snowball in form. It will thrive in most any kind of soil but requires shades. Strong plants, each, 50c.

**HAWTHORN**—See Crataegus.

**HONEYSUCKLE**—See Lonicera.

**HIGH BUSH CRANBERRY**—See Virburnum.



BARBERRY.



# Ligustrum-Privet

**AMOR RIVER**—*L. Amurense*. Plant very hardy and tall, growing with upright branches; foliage glossy green; holds its color almost the entire year. One of the best hedge plants known.

	Each	Ten	100
1½ to 2 ft. high.....	\$0.25	\$1.00	\$7.00
2-3 feet high.....	.35	1.50	9.50

**CHINESE PRIVET**—*L. Ibotia*. A valuable new shrub; flowers large white, very fragrant and produced in great profusion; leaves, long, showy; one of the hardiest of privets and distinct.

	Each	Ten	100
1½ to 2 feet high.....	\$0.25	\$1.00	8.00
2-3 feet high.....	.35	1.50	9.50

**CALIFORNIA PRIVET**—*L. Ovalifolium*. Large, broad leaves and one of the best of all privets, but not hardy in this locality. It will withstand winters south of the State line and in most Eastern States.

	Each	Ten	100
1½ to 2 feet high.....	\$0.20	\$0.80	\$4.00

## LILAC. TRUE SYRINGA.

**COMMON LILAC**—*Vulgaris Purpurea*. Bluish purple flowers. One of the standard varieties. Always good. 2-3 feet high, each, 35c; 3 for \$1.00; 10 for \$3.00.

**COMMON WHITE LILAC**—*S. V. Alba*. Flowers are in slender panicles, pure white and very fragrant. 2-3 feet high, each, 45c; 3 for \$1.25; 10 for \$3.50.

**CHARLES X.**—A strong rapid growing variety with large shining leaves; flowers are borne in trusses of a reddish purple color. 2-3 feet high, each, 50c.

**JOSIKAEA**—Hungarian Lilac. A distinct and valuable variety with dark lilac colored flowers. It blooms early in June. Very floriferous. 2-3 feet high, each, 40c; 3 for \$1.10.

**MARIE LEBRAYE**—Large panicles of white flowers. Valuable for forcing; the finest white Lilac, 1½ feet, each, 40c.

**SOUVENIR DE LUGWIG SPAETH**—A distinct and most beautiful variety having immense trusses of deep purplish-red with enormous flowers. 2-3 feet high, each, 60c; 3 for \$1.50.

**LONICERA**—Bush Honeysuckle. *L. Tatarica*. A large shrub with numerous upright or spreading branches; flowers pink; grown in great profusion in late spring. Absolutely hardy. Height 8 feet. 2-3 feet high, each, 30c; 3 for 80c; 10 for \$2.50.

**LYCIUM**—Matrimony Vine. An old-fashioned hardy shrub with a wealth of scarlet berries. The long branches may be trained over fences or trellises, but more effective results may be obtained by planting at the top of retaining walls or steep banks and allowing the graceful stems to fall over. *Lycium Barbarum*. 2 years, extra bushy, 35c each; 10 for \$2.25.

**MAGNOLIA**—*M. Soulangeana*. Flowers white and purple, 3 to 5 inches across, borne in May before the leaves appear, which are massive and glossy. Magnolia should be planted in the spring. This variety is the hardiest of all Oriental Magnolias. 4 to 5 feet with buds, \$4.00 each.

**MOCK ORANGE**—See *Philadelphus*.

**PHILADELPHUS or SYRINGA**—Mock Orange. **AVALANCHE**. The flowers are white, large, strongly perfumed and produced in such profusion that their weight bends the long slender branches almost to the ground, producing a most wonderful effect. 1½ feet high, each, 40c.

**GARLAND SYRINGA**—*P. Coronarius*. A well known shrub, with pure white, fragrant flowers. One of the first to flower and very hardy. 2-3 feet, each, 45c; 3 for —. 1½ to 2 feet, each, 35c; 3 for \$1.00; 10 for \$2.50.

## PRUNUS. PLUM.

**SPINOSA**—Black Thorn, Irish Shillelagh. White flowers borne on solitary peduncles before the leaves appear. A well known shrub with branches inclined to be spiny. Round back fruit, very acid. 3 to 4 feet, extra bushy, each, 45c.

**TRILOBA**—Double Flowered Plum. Flowers double of a delicate pink, upwards of an inch in diameter, thickly set on long slender branches. Flowers in May before the leaves appear. Quite hardy. Bush form, 2-3 feet high, 50c each.

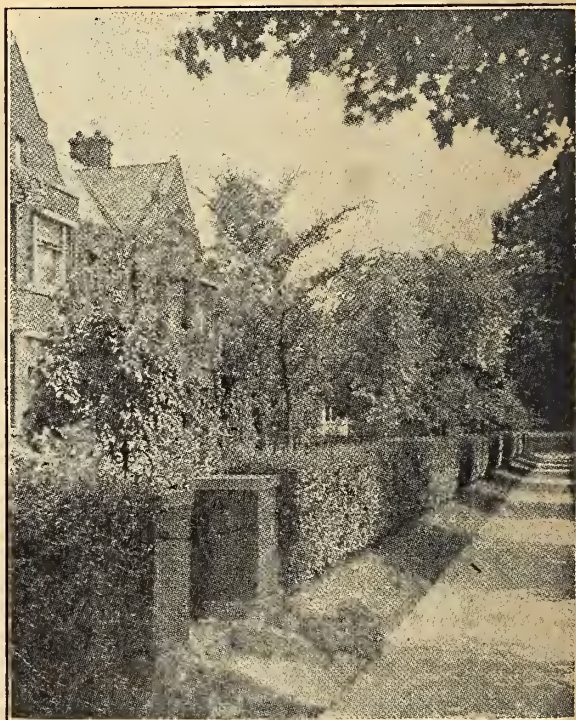
**PEARL BUSH**—See *Exochorda*.

**RHUS COTINUS**—Smoke Tree. Sumach. Purple Fringe. A much admired shrub, for its curious fringe or hairlike flowers, which cover the whole surface of the plant in the mid-summer. Grows ten to twelve feet high, and spreads so as to require considerable space. 2-3 feet high, each, 45c; 10 for \$3.00.

**RHUS TYPHINA LACINIATA**—Fern Leaved Staghorn Sumach. A most tropical looking shrub we possess. The foliage is finely cut and as beautiful as a tree fern. Attains height of 20 feet, but is generally used as a shrub. 18 to 24 inches high, each, 40c; 10 for \$3.00.

**RIBES SANGUINEUM**—Crimson Flowering Currant. A native species of deep red flowers, produced in great abundance early in the spring. 18 to 24 inches, each, 30c.

**RIBES AUREUM**—Yellow Flowering Currant. A fine shrub with glabrous shining leaves and yellow sweet scented flowers in June. 18 to 24 inches high, each, 30c.



PRIVET.



**ROBINIA HISPIDA**—Rose Acacia. *R. Pseudo-acacia*. Leaves compound, bright green, flowers white, very fragrant, borne in drooping racemes, expanding in May or June. Loves plenty of sun and is not exactly hardy in our locality. 18 to 24 inches high, each, 35c.

**ROSA BLANDA**—Meadow Rose. Pink flowers followed by red berries. Very ornamental in winter. 2 years old, each, 40c.

**ROSA RUBIGINOSA**—True English Sweet Briar. This is the true Eglantine. Perfectly hardy and once planted little care if any is necessary. 2 years old, each, 40c.

**ROSE OF SHARON**—See *Althea*.

**RUSSIAN OLIVE**—See *Eleagnus*.

**SALIX DISCOLOR**—Pussy Willow. A small tree with upright or ascending branches. Catkins appear in early spring before the leaves unfold. Very pretty. 12 to 18 inches high, each, 25; 10 for \$2.00.

**SALIX OSIER**—Tying Willow. Very vigorous; red bark. The best willow for tying. 12 to 18 inches high, each, 25c; 10 for \$2.00.

**SAMBUCUS**—Elder. **NIGRA AUREA**. Golden Leaved Elder. A handsome variety with golden yellow foliage. A valuable plant in livening shrubberies. 2-3 feet, each, 35c.

**SWEET SHRUB**—See *Calycanthus*.

**SWEET PEPPER BUSH**—See *Clethra*.

**SUMMER LILAC**—See *Budleya*.

**SYRINGA**—See *Philadelphus* and *Lilac*.

**SUMAC**—See *Rhus*.

**SNOWBERRY**—See *Symphoricarpus*.

**SNOWBALL**—See *Viburnum*.

**SWEET BRIAR**—See *Rosa Rubiginosa*.

**SMOKE TREE**—See *Rhus*.

### SPIRAEA

**ANTHONY WATERER**—Hardy perpetual blooming shrub, desirable for the lawns. 1 to 1½ feet, each, 40c.

**BILLARDII**—Pink flowers; blooms nearly all summer. It is a grand subject for planting in masses, and makes a good cut flower. 1½ to 2 feet high, each, 35c.

**PRUNIFOLIA FL. PL.**—Double Flowered Plum Leaved Spirea. A beautiful shrub from Japan, with pure white flowers, like white daisies, in May. Keeps in flower a long time and justly merits to be placed in the front rank among flowering shrubs. 2 feet, bushy, 50c.

**VAN HOUTEI**—Bridal Wreath. Without question this is the finest of all Spireas. In May and early June the shrub is covered with a mass of large white flowers, presenting a beautiful appearance. Perfectly hardy.

	Each	Three	Ten	100
1½ feet .....	\$0.25	\$0.65	\$1.00	\$12.00
1½-2 feet high.....	.35	1.00	1.75	16.00
2 to 3 feet high.....	.40	1.10	2.50	20.00

**SYMPHORICARPUS RACEMOSUS**—Snowberry. Small native shrub suitable for planting in shaded places. Flowers white or pinkish, in loose racemes. Very ornamental when covered with berries. Grows about 5 feet high. 2 to 3 feet high, each, 40c; 10 for \$2.50.

**SYMPHORICARPUS RACEMOSUS**—Coral Berry or Indian Currant. A grand shrub producing a wealth of red berries which remain on the branches all winter. 2-3 feet, each, 35c; 10 for \$2.25.

**TAMARIX AFRICANA**—Very beautiful shrub with small leaves, somewhat like the Juniper; delicate small rosy flowers, produced in spikes, very pretty. Height 8 feet. 2-3 feet high, each, 35c; 10 for \$2.75.

### VIBURNUM. SNOWBALL.

**CARLESII**—A dwarf, compact shrub, bearing large corymbs of large blossoms, of a strong delicious fragrance, quite surpassing any shrub we know of, and equal to that of a *Bouvardia*. Very rare. 12 to 15 inches high, bushy, each, \$1.00.

**OPULUS**—High Bush Cranberry. Both ornamental and useful; its red berries resemble cranberries, are esteemed by many and hang on the bush until destroyed by frost. The flowers are white, borne in imperfect flat clusters. Height 10 to 12 feet. 2-3 feet, high, each, 45c; 10 for \$3.00.

**PLICATUM**—Japanese Snowball. A rare and exceedingly beautiful species of Japan. Flowers in large globular heads, pure white, hanging long on the bush; a very choice and desirable shrub. Height 6 to 8 feet. Price, 2-3 feet high, each, 45c; 10 for \$3.25.

**STERILIS**—Old Fashioned Snowball. An old and well known shrub, bearing large balls of pure white flowers. 2-3 feet, each, 45c; 10 for \$3.00.

### WEIGELIA

Beautiful shrubs that bloom in June and July. The flowers are produced in so great profusion as almost entirely to hide the foliage. They are desirable for the border or for grouping, and also as specimen plants for the lawn.

**EVA RATHKE**—This is the best of all Weigelias. Flowers brilliant crimson; blooms all summer. Height 5-8 feet. Prices: 18 to 24 inches high, each, 40c; 10 for \$3.75.

**NANA VARIEGATA**—An exceedingly pretty variety. Leaves beautifully margined creamy white, flowers pink. A dwarf grower and admirably adapted to small lawns or gardens.

**WILLOW**—See *Salix*.

## To Owners of Liberty Bonds

**WE** take Liberty Bonds in place of cash at full face value. For example, if your order amounts to \$55.00, we will take one \$50.00 Liberty Bond and the balance in cash, or if your order should amount to \$100.00 or more, we will take one \$100.00 Liberty Bond and the balance in cash. In case your order should run into a larger amount we will take Liberty Bonds for any amount of seed that you will need.



# Prof. Hansen's New Hybrid Plums

By crossing the Wild Sand Cherry with the finest varieties of Oriental Plums, Prof. Hansen of the Brookings College of South Dakota has created an entirely new fruit—plums of very large size, of the finest quality and great productiveness. This new fruit has inherited an absolute hardness from the Sand Cherry, which grows on the poorest land of the Black Hills where nothing else will, standing a temperature of 40 to 50 degrees below zero, the howling blizzard of winter, the almost tropical heat and the very light rainfall of summer, and the large size, meatiness and shipping qualities from the finest varieties of Oriental Plums.

The trees are bearing the second year after planting and bear very heavily; the branches are laden with fruit to such a degree it is frequently necessary to prop the limbs to keep them from breaking down. It is no exaggeration when we say that Prof. Hansen Hybrid Plums will soon take the place of all other plums now used in every part of the United States.

We are offering two best varieties noted for large size of its fruit, great productiveness and ability to bear soon after planting.

## WANETA

Combines the best points of the native and the Japanese Plum. Probably the largest of over 10,000 seedlings. The fruit averages two inches in diameter and weighs about 5 ounces. Good red color, skin free from acidity, flavor delicious. The female parent is the Apply plum, a large Japanese variety originated by Luther Burbank; the male parent is Terry, the largest native plum, originated by the late H. A. Terry of Iowa. With reasonable cultivation the fruit of Waneta reaches the size of a good large peach or a small apple. It is absolutely hardy everywhere and an immense bearer. Price: 4 to 5 feet high, 75c; 2 for \$1.25; 5 for \$2.50. Order early. Stock limited.

## OPATA

This is a cross of the Dakota Sand Cherry and the Gold Plum, a large Hybrid Japanese variety, originated by Luther Burbank and for which \$3,000 was paid when first introduced. The Opata is vigorous in growth, heading very low, and of quite spreading habit. The color of the flesh is green, flavor very pleasant, combining the spicy acids of the Sand Cherry with the rich sweetness of the Gold Plum. It is the earliest to ripen, maturing July 15. The fruit will stay on the limbs for two weeks after being ripe without dropping readily from the tree. It is free from rot and nearly immune to the sting of the Curculio. An excellent market plum. Price: 4 to 5 feet high, 75c; 2 for \$1.25; 5 for \$2.50.

# Hedges and Screens

**THE HEDGE**—Modern home-makers are planting hedges in lieu of the discarded fence, at little extra cost, and vast increase of sightliness. Hedges are equally effective for protection and separation, besides being a delight to the eye.

There are numerous shrubs specially adapted to this purpose, from which we shall submit just a few of the most popular and trustworthy.

**PRIVET**—For a cropped, formal hedge, the various Privets are most easily handled, and of them, the California Privet, or *Ligustrum Ovalifolium*, is used in by far the greatest proportion. Not hardy in many localities of the Northwestern States. Spring is preferable for planting, although thousands are safely started in the Fall. Care should be taken in preparing the ground. Dig out trench about 2 feet deep and 2 to 3 feet wide. If the soil is good and rich, it may be replaced; but if of doubtful quality, mix in some better. Apply about three inches of rotted manure or an equivalent in commercial fertilizer, and mix the entire heap thoroughly before returning to the trench. If the plants are to be in a single row, set them about 12 inches apart; if in a double row, about 18 inches apart each way and alternately. The single row is very effective, but naturally the double row makes a wider and denser hedge. No matter how strong the plants, cut back severely at planting; and covering the branches a little above the crown, makes for density. Trimming should commence after the plants are well established; in Spring before the buds swell, again in July, and sometimes after unusually strong growth, later in Summer.

**BARBERRY**—Barberry hedges are not so stiff as Privet and require less trimming; the natural growth being rounded, dense and attractively fluffy. The common green sort, *Berberis Vulgaris*, and the purple-leaved, or *B. Purpurea*, are fine subjects; but *Thunbergii* is the favorite. Its branches are very fully covered with little round, maiden-hair-like leaves of bright rich green, which in Autumn takes on a brilliant red color. Large bright red berries also appear in the Fall, and brighten the stems far into Winter. Small thorns afford ample protection against trampling and breakage. Plant 1 to 15 inches apart.

**CYDONIA JAPONICA**—(Japan Quince). Plant 15 to 18 inches apart. A very hardy shapely growing plant, which will succeed in almost any soil.

**HONEY LOCUST**—Makes a very strong and long lived hedge; one of the best for turning stock. Plant 8 to 10 inches apart.

**CRATAGAEUS**—(Buckthorn). The dark foliage-masses of this dense, twiggy bush are relieved by masses of attractive white flowers in June and July. They are followed by showy fruits.

**AMERICAN ARBOR VITAE**—One of the finest evergreens for hedges. It grows rapidly and soon forms a most beautiful hedge; very dense. It forms a most desirable and ornamental screen to divide the lawn from other parts of the grounds.

**OSAGE ORANGE**—This makes strong hedges, high enough for shelter and ideal for turning stock. Plant 6 to 8 inches apart.

**UPRIGHT HONEYSUCKLES**—These shrubs are attractive for their pretty flowers, fragrance and Fall berries; the foliage being at all times clean and bright. Plant 12 to 15 inches apart.

**RUGOSA and BRIAR ROSES**—Although conforming to regular formation and uniform growth, a hedge of these shrubs have an air of wildness and unhampered freedom, inexpressibly charming. The foliage is dark and lustrous, and free from insect or fungus attacks; while the great single and semi-double flowers appear in riotous profusion and impregnate the air with their haunting fragrance. The red berries which follow are bright spots in the landscape during Autumn and Winter. There are various sorts in distinct colors; thus allowing a studied mixture of color which is very striking. Plant 15 to 18 inches apart.

**SPIREA VAN HOUTTEI**—Few shrubs retain their attractive foliage throughout the year so well as this sort. In Spring, or about Memorial Day, a hedge of Van Houttei is a perfect fountain of pure white bloom. Plant 15 to 18 inches apart.

**PHILADELPHUS**—The sweet-scented Syringas, *Philadelphus*, or "Mock-Orange," conform to pruning and may be kept at any desired height for a high hedge; and furnish one of the choicest classes of shrubs for this purpose.

**ASSORTED SHRUBS**—A studied assortment of the taller growing shrubs, planted with regard to color and foliage contrast and differing blooming seasons, affords a most thrilling opportunity for genuine pleasure and artistic show.

## PRICES OF HEDGE PLANTS

	Per 10	Per 100
American Arbor Vitae—12 to 18 inches.....	\$3.50	\$30.00
Barberry—European and Purple, 18 to 24 inches. . . . .	2.75	14.00
Barberry—Thunbergii, 18 to 24 inches.....	2.75	14.00
Cydonia Japonica—18 to 24 inches.....	2.25	12.00
Honey Locust—15 to 18 in., per 1,000, \$8.00.. . . .	...	1.00
Osage Orange—1 year, per 1,000, \$4.00.....	...	.80
Privet—California, 18 to 24 inches.....	.80	4.00
Privet—California, 2 to 3 feet.....	1.25	6.00
Privet—Ibota, 18 to 24 inches.....	1.00	8.00
Privet—Ibota, 2 to 3 feet.....	1.50	9.50
Upright Honeysuckle .....	2.50	15.00
Spiraea Van Houttei—18 to 24 inches.....	1.75	16.00
Spiraea Van Houttei—2 to 3 feet.....	2.50	20.00
Philadelphus—2 to 3 feet.....	2.50	20.00
<b>Rosa Rugosa and Hybrids—</b>		
2 year field grown.....	3.50	20.00
Rosa English Sweet Briar.....	2.50	18.00
Rosa Setigera .....	2.50	18.00



# Fruit Trees

As soon as trees are received they should be heeled in so that the mellow earth will come in contact with all the roots. Take only a few out at a time as an hour's exposure to the hot sun will be almost sure to ruin them. Evergreens, especially, will not stand exposure and must have the very best of care.

Fruit as a rule cannot be produced on soil that is undrained or not rich enough to produce a good corn crop.

Bruised roots should be cut off smoothly so that they will heal over.

**PRUNING**—Standard trees for the orchard should be trimmed up to five or six branches, suitable to form the top; cut each of the side branches back to a bud four or five inches from the body of the tree, leaving the leader ten to twelve inches long. Dwarf Pears do not, as a rule, need trimming.

**PLANTING**—The ground should be well prepared and holes dug larger than necessary, so that they can be partly refilled with surface soil. The earth should be firmed very thoroughly around the roots, as it is disastrous to allow the air to enter. When the earth is nearly filled in, a pail of water may be thrown on to settle and wash in the soil around the roots. It is not necessary to use water except in dry weather.

Do not plant trees too deep. After the ground settles they should stand as they did in the nursery. Dwarf Pears should be planted three or four inches deeper.

**AFTER CULTURE**—After young trees are planted, do not allow grass to grow around them. Keep the ground clean and loose, at least until they are of bearing size.

**TREATMENT OF TREES THAT HAVE BEEN FROZEN IN THE PACKAGES OR RECEIVED DURING FROSTY WEATHER**—Place the packages, unopened in a cellar or some such place, cool but free from frost, until perfectly thawed, when they can be unpacked and either planted or placed in a trench until convenient to plant. Treated thus, they will not be injured by the freezing.

## ORDER EARLY

### A TABLE SHOWING THE NUMBER OF TREES OR PLANTS TO THE ACRE

Distance	No. of Trees	Distance	No. of Trees	Distance	No. of Trees
1 foot apart each way.....	43,560	12 feet apart each way.....	302	35 feet apart each way.....	35
2 feet apart each way.....	10,890	13 feet apart each way.....	257	40 feet apart each way.....	28
3 feet apart each way.....	4,840	14 feet apart each way.....	222		
4 feet apart each way.....	2,702	15 feet apart each way.....	193		
5 feet apart each way.....	1,742	16 feet apart each way.....	170		
6 feet apart each way.....	1,210	17 feet apart each way.....	150		
7 feet apart each way.....	888	18 feet apart each way.....	134		
8 feet apart each way.....	680	19 feet apart each way.....	120		
9 feet apart each way.....	537	20 feet apart each way.....	108		
10 feet apart each way.....	434	25 feet apart each way.....	69		
11 feet apart each way.....	360	30 feet apart each way.....	48		

**RULE**—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill, which, divided into the number of feet in an acre (43,560), will give the number of plants or trees to the acre.

### SUITABLE DISTANCES FOR PLANTING

Apples, Standard.....	30 to 40 feet	Cherries, Sour.....	15 to 18 feet	Raspberries, Black.....	4 to 5 feet
Apples, Dwarf.....	8 to 19 feet	Plums.....	16 to 18 feet	Blackberries.....	5 to 7 feet
Pears, Standard.....	18 to 20 feet	Quinces.....	10 to 12 feet	Strawberries, rows.....	1 by 3½ feet
Pears, Dwarf.....	10 feet	Grapes.....	8 to 10 feet	Strawberries, in beds.....	1½ by 1½ feet
Peaches.....	16 to 18 feet	Currants.....	3 to 4 feet	Asparagus, in beds.....	1 by 1½ feet
Nectarines and Apricots.....	16 to 18 feet	Gooseberries.....	3 to 4 feet	Asparagus, in field.....	1 by 3 feet
Cherries, Sweet.....	18 to 20 feet	Raspberries, Red.....	3 to 4 feet		

## Summer Apples

**DUCHESSE OF OLDENBURGH**—Medium, rather large, roundish, a little flattened at the ends; light red in broad stripes and splashes on yellow ground; flesh yellow, sub-acid; good for cooking; early autumn; very hardy. One of the most valuable sorts for the West.

**EARLY HARVEST**—Size medium, roundish, usually more or less oblate; bright straw color when ripe; flesh nearly white an flavor rather acid; ripens early and continues for about three weeks afterward; productive.

**HOWLAND RASPBERRY**—Of Russian origin; color white, shading to crimson; flesh white; tree hardy, long-lived and succeeds very well north and south; very juicy and sweet. July to August.

**ED ASTRACHAN**—Medium to large; beautifully mottled with crimson; covered with heavy bloom; tree very hardy and a popular variety. Ripens in July.

**YELLOW TRANSPARENT**—Medium, round, rather conical; skin yellow, almost transparent; flesh very crisp, sub-acid and of a good quality. A very excellent early market apple, especially valuable for culinary purposes.

## Autumn Apples

**AUTUMN STRAWBERRY**—Size medium, roundish, slightly conical; sometimes faintly ribbed; flesh yellowish white and slightly fibrous.

**AMEUSE**—Medium, roundish and oblate; color rich red; flesh very delicate and flavor good. An excellent dessert apple.

**BERNAL**—Origin, Russia. Season, November, December. This variety represents what is probably the hardiest type of the Russian race; adopted by many prominent horticulturists as a standard of hardiness. Tree sturdy, vigorous, very spreading and productive.

**MAIDEN'S BLUSH**—Rather large, smooth and regular; with fine, evenly shaded red cheek on clear pale yellow ground; flesh white, fine grained, tender and sub-acid; of uniform productiveness; valuable for the West.

**WEALTHY**—Fruit large, variegated red in color; tree a good grower; flesh fine grained and sub-acid; a good flavor. Begins to bear young. One of the best to plant.

## Winter Apples

**ARKANSAS BLACK**—A remarkably large and handsome crimson-black apple; perfectly smooth, roundish flat, lightly dotted with white. The flesh is yellow, juicy and delicious, keeping late.

**BALDWIN**—Large, roundish, skin deep red; flesh juicy, crisp and sub-acid; of a good flavor; very vigorous and productive; is considered a fall apple in the West and South.

**BANANA**—A new and excellent fruit; has a delicate banana perfume; fruit keeps well; color deep yellow, slightly covered with light red blush; is a very large size and showy in appearance.

**BEN DAVIS**—Large, roundish, striped red on yellow; flesh white, tender with a mild good, but not rich sub-acid flavor; one of the most profitable winter apples for market; an early and abundant bearer. The leading commercial variety of today.

**E. G. RUSSET**—Medium size, dull russet, with a tinge of red on exposed side; flesh crisp, juicy and high flavored; tree vigorous grower and good bearer.

**GRIMES' GOLDEN**—Medium; skin rich golden yellow; flesh white, tender, juicy with a peculiar aroma; tree a good grower and an early bearer. A very popular sort.

**GANO**—Conical, good size and smooth; deep red, shaded on sunny side to ma-

hogany; very attractive; flesh pale yellow, fine grained, pleasant and sub-acid; is a good shipper and keeper. Tree healthy, vigorous and hardy; a prolific bearer.

**JONATHAN**—Medium size, of a deep red color; flesh very tender, juicy and rich; a very productive apple; one of the very best varieties for the table, cooking or market; very popular throughout the West.

**JANET**—Medium in size, roundish, approaching oblong shape; color pale red; distinct stripes on yellow ground; flesh nearly white, fine, mild, sub-acid and juicy; growth somewhat slow; a profuse bearer and is considered an excellent winter apple; hardy in the West.

**McINTOSH RED**—A very valuable hardy sort; medium size, skin nearly dark red; flesh white, fine and very tender and juicy. A good annual bearer.

**NORTHWESTERN GREENING**—Fruit large and smooth; color greenish yellow; flesh fine grained; juicy, firm and a good quality; a good apple for the North.

**WINESAP**—Large, roundish; deep red; flesh of medium quality; good keeper; tree a fair grower and good bearer.

**NORTHERN SPY**—Large, roundish, slightly conical, somewhat ribbed and slightly striped; nearly covered with purplish red; flesh mild, tender, with a mild sub-acid and delicious flavor; tree should be kept open by pruning, so as to admit light.

**STARK**—Large, roundish; color greenish yellow, shaded and striped with dark red and light brown spots; flesh yellow, moderately juicy, mild and sub-acid; tree vigorous and an early and abundant bearer; a good market fruit.

**SALOME**—Uniform size; quality very good; a very good keeper; tree strong bearer and equals Wealthy in hardiness; an early and annual bearer.



**WOLF RIVER**—Very large, deep red cheek on yellow ground; strong grower and good bearer.

**WALBRIDGE**—Medium size; color pale yellow, striped with red; flesh crisp, tender and juicy; tree very vigorous and extremely hardy.

## Crab Apples

**FLORENCE**—Large, very handsome and hardy; bears early and profusely.

**GENERAL GRANT**—Tree an erect and vigorous grower, fruit in dense clusters; quality excellent. October to December.

**HYSLOP**—Almost as large as early Strawberry apple; deep crimson; very popular on account of its size, beauty and hardness; tree vigorous.

**LARGE RED SIBERIAN**—About an inch in diameter, grows in clusters; yellow, lively scarlet cheek; tree erect, vigorous, bears young and abundantly. September to October.

**LYMAN'S PROLIFIC**—Large, red striped; fine cooking and very hardy.

**WHITNEY**—Large, glossy green, splashed with crimson; flesh firm, juicy; flavor very pleasant; ripens latter part of August; tree a good bearer and very hardy.

**YELLOW SIBERIAN**—Large and of a beautiful golden yellow color; tree vigorous.

**PRICES FOR ALL APPLES**—Two year old trees, 3½ feet to 5 feet, 40 cents each; 2 for 75c; 3 for \$1.05; 10 for \$2.90, not prepaid.

## Pears

**BARLETT**—Large size, with often a beautiful blush next the tongue; buttery, very juicy and highly flavored; bears early and abundantly; tree vigorous and very popular.

**CLAPP'S FAVORITE**—Very large; color yellowish green to full yellow when ripe; marbled with dull red in the sun; covered with small specks. Melting and rich; should be gathered early; tree vigorous.

**KOONCE**—Medium; color golden yellow, with red cheek; flesh juicy and buttery.

### AUTUMN PEARS

**WILDER**—Medium to rather small; regular in form, greenish yellow, with a brownish red cheek; melting, sweet and very pleasant; tree a vigorous grower and great bearer.

**BEURRE D'ANJOU**—Large, greenish sprinkled with russet, sometimes shaded with dull crimson; flesh whitish, buttery, melting, with high, rich flavor; very productive; tree vigorous.

**FLEMISH BEAUTY**—Large, beautiful, juicy, melting, rich and fine; bear good hardy fruit everywhere; tree very vigorous.

**KIEFFER**—Very large; pale shade, light yellow when full ripe; sometimes has a blush; flesh white, crisp, juicy and of a slight quince flavor; fair quality; exceedingly valuable for cooking or canning; never rots at the core; tree is a vigorous grower and must be sufficiently pruned; a regular and abundant bearer; extremely vigorous.

**SECKEL**—Small; skin a rich, yellowish brown with a brownish red cheek; flesh very fine grained, sweet and exceedingly juicy and melting, buttery and the richest and highest flavored pear known; bears moderate.

**PRICES FOR ALL PEARS**—Two year old trees, 3½ to 5 feet, 50 each; 2 for 95c; 3 for \$1.25; 10 for \$4.00, not prepaid.

## Cherries

**DYEHOUSE**—Partakes of both the Duke and Morello in wood and fruit; an early and sure bearer; ripens a week before the Early Richmond, of better quality and quite as productive.

**EARLY RICHMOND**—An early, red, and satisfactory cherry, valuable for cooking early in the season; ripens through June; tree a free grower, hardy, healthy and very productive.

**ENGLISH MORELLO**—Large, dark red, nearly black; tender, juicy, acid and rich; tree dwarf and slender.

**MONTMORENCY, Large**—Tree very hardy and immense bearer; commences to fruit while young and is loaded annually with fine crops; fruit very large, fine flavor, and a bright, clear, shining red; valuable everywhere; a week later than Early Richmond; the finest acid cherry.

**WINDSOR**—Fruit large, liver colored; flesh firm and of a fine quality; tree hardy and very prolific; a valuable late variety for market. (Suitable for the East and Far West, but not for the Middle West).

**WRAGG**—One of the best commercial sorts; very hardy, and produces enormous crops; fruit extra large and dark, of the Morello type.

**COMPASS CHERRY-PLUM**—A cross between the Sand Cherry and the Miner Plum; originated in Minnesota. The Cherry-Plum is very hardy and bears the second year from planting; quality of the fruit is fine; color dark red. This plum is well adapted to the vigorous winters of the North and will thrive where almost all other varieties of plum will be killed.

**ROCKY MT. CHERRY**—Small, roundish, black, not very sweet; tree small, bushy, not over four feet high; very hardy, bears profusely; worthy of cultivation as an ornamental shrub.

**PRICES FOR ALL CHERRIES**—Two year old trees, 3½ to 5 feet, each, 50c; 2 for 95c; 3 for \$1.35; 10 for \$4.00, not prepaid.

## Peaches

**CHAMPION**—Very hardy; skin nearly white, with red cheek; a very handsome peach; extremely hardy and productive; flavor is delicious, sweet and juicy. A good shipper; free.

**CRAWFORD, EARLY**—A magnificent large yellow peach of good quality; tree vigorous and very productive; its fine size, beauty and productiveness makes it one of the best and most popular sorts; free.

**CRAWFORD, LATE**—Large, skin yellow or greenish white, with pale red cheek; flesh yellow; tree vigorous, moderately productive; one of the finest late sorts; free.

**CROSBY**—In every respect a remarkably fine peach for home use or market; ripens just before Crawford's Late; extremely hardy.

**ELBERTA**—The great market peach of the South and Southwest. It is perfectly hardy in the North, and is believed by the most extensive fruit growers to be one of the very best for home use and market; color lemon yellow, blush on sunny side; flesh pale yellow, tender and juicy; tree vigorous. A good shipper; free.

**WONDERFUL**—Large, uniform in size and shape; color rich golden yellow, overspread with vivid crimson; flesh yellow, rich, high flavored and delicious; bright red at tip, which is small; is almost free.

**J. H. HALE**—This is the best variety of all Peaches. It will do well everywhere where it is possible to grow peaches at all. The fruit is of very large size, as large as a good sized apple, the flesh is sweet and firm, deliciously flavored, and for canning there is no sort that comes near it. Freestone variety.

**PRICES FOR ALL PEACHES**—Two year old trees, 4 to 5 feet, 40c each; 2 for 75c; 3 for \$1.05; 10 for \$2.90, not prepaid.

## Plums

**ABUNDANCE**—The popular new Japanese fruit; tree thrifty, hardy and beautiful fruit large, showy and good.

**BURBANK**—Fruit medium to large; skin orange yellow dotted and marbled with red, deepening to a cheek; flesh meaty yellow, sweet and good; splendid for canning; also a good market plum.

**DE SOTO**—Medium to large, roundish-oval long; marbled, red, with slight purplish green; flesh orange colored, firm, juicy and of good quality. Cling.

**GERMAN PRUNE**—Medium, oval; purple or blue; rich, juicy and of fine flavor tree vigorous and very productive.

**SHIPPER'S PRIDE**—An unusually profitable grower and extremely hardy, very productive; fruit of a large size and nearly round; color a dark purple; quality fine, juicy and sweet; excellent for canning and is an unusually good shipper. A splendid market plum.

**SHROPSHIRE**—A variety of great merit for preserving. Tree vigorous, hardy and abundant bearer; flesh amber colored, juicy and spicy.

**WEAVER**—Large, purple, with blue bloom; very prolific; a constant and regular bearer and of a good quality; very hardy and seldom injured from even our most severe winters.

**PRICES FOR ALL PLUMS**—Two year old trees, 3 to 4 feet, each, 50c; 2 for 95c; 3 for \$1.35; 10 for \$4.00, not prepaid.

## Quinces

**CHAMPION**—Greenish yellow fruit; large, distinctly pear form; furrowed about the top; flesh tender, delicate flavor; bears abundantly, and is also a good keeper.

**MEECH'S PROLIFIC**—Bright orange, with thin fuzz, fruit large, somewhat shape like an apple; very fragrant and good flavor; bears young and is productive.

**PRICE**—Three to five feet, each, 50c.

## Nectarines

**BOSTON**—Large, yellow, with red cheek; flesh yellow and sweet, and of pleasant flavor; Freestone.

**DOWNTON**—Large, greenish, white, with dark red cheek; flesh greenish white, rich, high flavored; one of the best Freestone.

**PRICE**—Two year old trees, 3 to 5 feet, each, 50c.

## Apricots

**EARLY GOLDEN**—Small, pale orange flesh orange, juicy and sweet; tree hardy and productive; separate from the Stor

**ROYAL**—Rather large, round-oval, slightly compressed, pale yellow, faintly reddened to the sun; flesh yellow orange, sweet, juicy and high flavored; a profitable market variety.

**ALEXIS**—Large yellow, red blush; skin acid, rich and good. Does well in the West.

**PRICE**—Two year old trees, 3 to 5 feet, each, 50c.



## Early Ozark Strawberry

An extremely early, in fact the earliest of all Strawberries, surpassing in earliness even the famous Excelsior. It originated in Missouri and is a cross between the popular varieties Aroma and Excelsior. A most luxuriant grower, bearing an abundance of large, firm, glossy, deep, rich, red berries of extra good quality. This berry is now on the market for the fifth year and the claims for its earliness have been proven beyond doubt. We believe it would pay those who are interested in an early shipping berry to give this variety a fair trial. Order early. Dozen, 20c. Per 100, 90c. Not prepaid: 1,000 for \$7.50.

**SENATOR DUNLAP**—(Per.) One of the most productive varieties and perhaps the best second early variety on the market. The fruit is conical in form, regular, never misshapen, bright dark red, very glossy, firm; a splendid keeper and shipper and of most excellent quality. Dozen, 15; 100, 65c. Not prepaid: 500 for \$3.50, 1,000 for \$6.00.

**STRAWBERRY HERITAGE**—A long season variety; from early until late; and a most profitable Strawberry. The berries are large, many of them very large, and the yield is heavy. The quality is good and the texture firm, but unfortunately many of the berries are ridged and seamed and the color is not very bright; hence, it does not present an attractive appearance in market. However, the plants are so vigorous and healthy and yield so bountifully it has much value. An excellent sort for the home garden. Dozen, 35c; 100, 75c; 1,000, \$6.50.

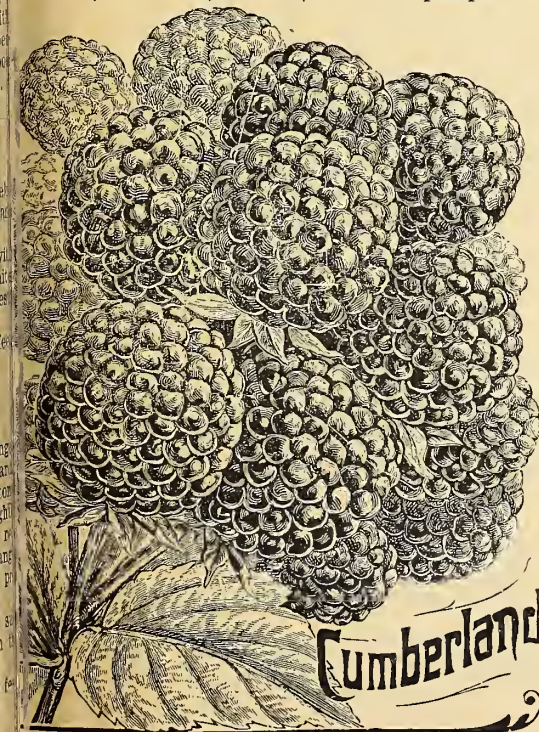
**STRAWBERRY FENDALL**—A seeding of the Wm. Belt and surpasses its parent in beauty, uniformity and size of berries. It also gives a longer season of fruit and produces nearly double as many quarts of berries upon a given space. The berries are smooth and glossy, of firm texture and exceedingly full, rich flavor. Plant of strong growth with great power to resist drought. It ripens from mid-season until very late. Dozen, 25c; 100, \$1.25.

**WARFIELD**—(Imp.) Plant vigorous, with long, penetrating roots to resist drouth; blossoms and ripens with Crescent. Has tall leaves which protect the blossoms from spring frosts. Dozen, 30c; 100, \$1.25.

**REDWOOD**—(Per.) This is a very desirable early berry, and is in every way healthy and vigorous, and an enormous yielder. The berry is of large size and roundish, bright scarlet and of regular form. Dozen, 30c; 100, \$1.25.

### CURRENT. PERFECTION.

This is a new variety very highly recommended and is said to be a cross of the Fays Prolific and White Grape. The color is a beautiful bright red. Size of berry and cluster as large or larger than Fays Prolific; very productive, superior to any other large sort. Less acid and of better quality than any other large red currant in cultivation. The Perfection was awarded gold medal by the Western New York Horticultural Society; also received a high award at the Pan-American Exposition and a gold medal at the St. Louis Exposition. Two-year plants. Price: 1 for 25c; 3 for 60c; 10 for \$2.10. Not postpaid: 100 for \$14.00.



### CURRENT. RED CROSS.

This is a large and productive variety, and undoubtedly one of the best currants, if not the very best, on the market. The masses of fruit are so dense as to cut off the naked canes from view. The "Rural New Yorker" describes this variety as being the best of all old or new currants for mid-season. Price: 1 for 15c; 3 for 40c; 10 for \$1.20. Not prepaid: 100 for \$5.00.

### CUMBERLAND RASPBERRY

Without doubt this is the most popular Black Raspberry grown today. A healthy, vigorous grower, throwing up stout, stocky, well-branched canes that produce immense crops of magnificent berries. Fruit very large, firm; quality good; keeps and ships as well as any of the blacks. The best variety for either home or market. Price: 3 for 20c; 10 for 60c; 100 for \$2.50. Not prepaid: 1,000 for \$14.00.



### FALL OR EVERBEARING STRAWBERRIES

This is an entirely new race of Strawberries. They will produce fruit the whole season, commencing to bear at the same time as the ordinary Strawberries and keep on bearing until frost. In order to get the best results it is necessary to pinch off the blossoms which appear from May until winter and keep on pinching till the time when Strawberries are wanted. To make provisions against an early fall it would be well to stop pinching about the last of July. The vines will bear a heavy crop a month afterwards. The two varieties offered here are the very best of the Everbearing class.

**PROGRESSIVE**—(Per.)—It is a very strong and thrifty grower, making plants with the Senator Dunlap, and is fully as hardy and productive as that wonderful variety. It is a strongly staminate sort and fruits on the new plant the first season. This is the best of all the "Everbearers."

**SUPERB**—(Per.)—The plants of this variety are of good average size, strong growers, and will stand the winter best of any of the fall bearers. The fruit is very large, roundish, dark colored, glossy, attractive, of good quality and perfectly smooth. As it only fruits on the parent plants the first year, it does best grown in hills with all runners cut off, or if allowed to run it will do best the second season.

PRICE—Dozen, 50c; 100 for \$3.00.

### CURRENT. WHITE GRAPE.

Very large, yellowish white, sweet or very mild acid; excellent quality and valuable for the table. The finest of the white sorts. Each, 15c; 3 for 40c; 10 for \$1.20. Not prepaid: 100 for \$5.00.





# Black Grape-Campbell's Early

Strong grower with large, healthy foliage; productive; its keeping and shipping qualities are equalled by no other early grape. Ripens with Moore's Early. Bunch and berry very large, glossy black, with blue bloom; sweet and juicy; seeds few and small; part readily from the pulp. Stands at the head of early black grapes for quality. Will hang on the vine for six weeks after ripening and thus can be marketed at advantageous times instead of having to be forced on the market on some special day to avoid cracking and shelling. Each, 25c; 3 for 55c; 10 for \$1.80, postpaid. Not prepaid: 100 for \$14.00.

## EARLY WHITE GRAPE—DIAMOND

The leading early white grape, ripening before Moore's Early. White, with rich yellow tinge; juicy, few seeds, almost free from pulp, excellent quality. A grand white grape, either for market or home garden. Each, 20c; 2 for 55c; 10 for \$1.25, prepaid. Not prepaid: 100 for \$6.00.

## WHITE GRAPE—GREEN MOUNTAIN

An extra early variety from Vermont. Skin thin, pulp tender and sweet, quality superb. Bunch medium to large, shouldered, berries medium, greenish white. Very hardy and has proven most satisfactory wherever tried. It is claimed to be the earliest grape in existence. Each, 45c; postpaid, 3 for \$1.00; 10 for \$3.50, postpaid.

## GRAPE—WORDEN

This is a splendid grape of the Concord type. Larger, of better quality and earlier. Vine vigorous; hardy and productive. Each, 20c; 3 for 55c; 10 for \$1.25, prepaid. 100 for \$5.50.

## GRAPE—WYOMING RED

Vine very hardy, healthy and robust, with thick, leathery foliage. The color of berry is the most beautiful amber and in size nearly double that of the Delaware; flesh tender, juicy, sweet, with a strong native aroma. Ripens before Delaware. This is the best early red market variety. Each, 20c; 3 for 50c; 10 for \$1.25, prepaid; 100 for \$6.50.

## CONCORD GRAPE

The old standby. A large, purplish-black grape; vines remarkably hardy, vigorous and productive. Best market sort. Each, 20c; 2 for 55c; 10 for \$1.25, prepaid. By express: 100 for \$4.00.

## GRAPE—MOORE'S EARLY

Bunch medium, berry quite large; color black, with heavy blooms; ripens two weeks ahead of Concord, and is extremely hardy. Each, 20c; 3 for 50c; 10 for \$1.25. Prepaid.

## HAYMAKER RASPBERRY

The Haymaker is a purple cap, not so dark as Columbian or Shafer, and much larger and firmer than either of those varieties; never crumbles and stands up well for shipping. Sample crates have been shipped to distant points with entire satisfaction. It is a berry to grow for either home use or market. The originator has found it the most profitable berry ever raised for market, and has never yet been able to supply the local demand. So much of a favorite has the Haymaker become that local growers have said that it ruined the sale of other varieties. Very popular as a "canning berry."

Price: 3 for 25c; 10 for 75c; 100 for \$3.00, prepaid. Not prepaid: 1,000 for \$25.00.

## BLACKBERRY—ELDORADO

The vines are very vigorous and hardy, enduring the winters of the far Northwest without injury, and their yield is enormous. Berries large and black, large clusters; in all points it is a standard of excellence. Price: 3 for 20c; 10 for 75c; 100 for \$2.75, prepaid. Not prepaid: 1,000 for \$16.50.

## PEONY BLOOMS

for

## Decoration Day

ALL COLORS

75c to \$1.50 per dozen



## ST. REGIS EVERBEARING RED RASPBERRY

The St. Regis Everbearing Raspberry is truly a wonder and marks a great advance in Red Raspberries. The berries are good though not extra large size, are bright in color, very firm and of quality that equals the old Cuthbert. Its distinguished characteristics are its remarkable vigor of plant and its everbearing property.

It is the first Red Raspberry to ripen, being ready to pick early in June, and continues to yield in never-ceasing succession until late October. One party who had a small patch picked and shipped from it two or three pickings each week for four months and his profits were enormous. The berries in late summer or autumn do not differ perceptibly in size, color or quality from those that ripen in June. It is very hardy, having withstood the hardest winters.

Price: 3 for 30c; 10 for \$1.00; 100 for \$6.50, postpaid.

## GOOSEBERRY—CARMAN

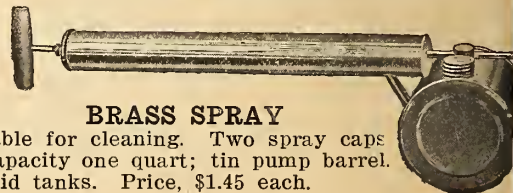
New. Undoubtedly the best American Gooseberry. The plants are strong growers, producing in profusion its extra large golden yellow berries of the finest quality. Each, 25c; 3 for 65c; 10 for \$2.00, prepaid. Not prepaid: 1,000 for \$15.00.

## GOOSEBERRY JOSSELYN

This red variety has been well tested over a wide range of territory and has proven very satisfactory. It is a heavy cropper and has bright green, healthy foliage. An American seedling of large size, smooth, prolific and hardy. Quality among the best. Each, 25c; 3 for 65c; 10 for \$1.80, prepaid. Not prepaid: 100 for \$10.00.



GOOSEBERRY CARMAN.



## BRASS SPRAY

Tube removable for cleaning. Two spray caps brass valve; capacity one quart; tin pump barrel. Galvanized liquid tanks. Price, \$1.45 each.



# Roses



**ROSES**—Our list of roses embraces only varieties of special merit; varieties that bloom throughout the summer, have large and fragrant blooms, and compact bushes. Most of our Roses belong to the Hybrid Tea class, noted for constant blooming and wonderful fragrance, but they are not as hardy as the Hybrid Perpetual variety. For that reason, the Hybrid varieties require some protection in the North, which is very easily done. After the first hard frost the bushes should be banked with dirt to the height of one foot, using the dirt around the bush. Into the cavity thus formed around the bush, put stable manure, and also cover the dirt around the bush with manure. In the Spring, when the weather is well settled, uncover the bush and trim down to only three or four eyes. You will be well repaid for this work.

**REGARDING THE QUALITY OF OUR ROSES**, they are grown for stock purposes only, and are not for the cut flower trade. For that reason, they must not be compared with bushes grown in green houses. Greenhouse roses are in most cases utterly exhausted by bearing a quantity of flowers during the Winter, when they should be resting. All our roses are field grown and grafted, except such new and rare varieties that are quite scarce and can only be supplied on their own roots.

**AMERICAN BEAUTY**—Blooms large and very double and on extra long stems. Color carmine crimson. Hybrid perpetual and therefore very hardy. Each, 35c; 3 for \$1.00; 12 for \$3.25, not prepaid.

**BETTY**—Flowers large and full; buds long and pointed, and very beautiful. Color charming coppery yellow. Each, 50c; 12 for \$5.25, not prepaid.

**BESSIE BROWN**—The flowers are creamy white and shaded with pink, and are produced with the greatest of freedom. There hardly is a day during the whole summer that this rose does not bloom, and it blooms till frost. No other rose like it. We believe that Bessie Brown is absolutely the most valuable of all garden roses. Each, 35c; 12 for \$3.50, not prepaid.

**COUNTESS CLANWILLIAM**—Blooms are high centered, very large, and of great beauty and refinement. Color shell pink, shaded with deep carmine red, and is quite distinct. It produces an abundance of blooms and is certainly a good rose. Strong plants, 2½-inch pots, each, 30c; 12 for \$2.75.

**KAISERIN AUGUSTA VICTORIA**—One of the best white garden roses. The blooms are of perfect form, double, purely white, with a tinge of light lemon yellow, strongly perfumed and born in profusion. Well known and popular. Each, 40c; 12 for \$4.00.

**KILLARNEY BRILLIANT**—Flowers more double than in the original variety, and of a most brilliant deep pink color, delightfully fragrant. Each, 40c; 12 for \$4.00.

**LA FRANCE IMPROVED**—(Pollaertrose). It has all the good qualities of the well-known and popular La France variety, but is much stronger and hardier and stronger than the old variety. The flowers are large, beautifully formed, of satiny pink color, born freely on strong stems. It has a peculiar, pleasing fragrance. Each, 40c; 12 for \$4.00.

**LADY HILLINGDON**—One of the finest garden roses, with yellow-colored, good-sized and strongly scented blooms. Very floriferous and forms a neat, symmetrical bush. Each, 40c; 12 for \$4.00.

**MME. EDUARD HERRIOTT**—This rose has created a sensation in the floral world. The flowers, although not extra large, are most attractive on account of their rare color, which is impossible to describe. The nearest description is that it is of a reddish terra cotta color with flame-colored shadings. Strong, healthy grower, and it is a real gem. Each, 60c.

**MRS. AARON WARD**—Very floriferous, strong growing, and healthy variety, with large blooms of deep coppery orange, changing to a golden orange and white at the edge of petals. The wonderful coloring catches the eye at once. Each, 40c; 12 for \$4.00.

**PAUL NEYRON**—Blooms deep red and of great size. Strong grower and quite hardy. Each, 35c; 12 for \$3.00.

**UNBURST**—Large flowers of rich orange-yellow and shades of coppery-yellow. It is a fine rose in every respect and is now classed with the American Beauty and Killarney roses. It is of vigorous growth and of distinct, deep green, healthy foliage. Each, 40c; 12 for \$4.00.

**DRUSCHKI**—(White American Beauty). Flowers very large and double, snow-white in color and of perfect form. Perfectly hardy. Each, 35c; 12 for \$5.25.

**GENERAL JACQUEMINOT**—Brilliant crimson, not full but large and extremely effective; fragrant and very hardy. Each, 35c; 12 for \$3.00.

**HOOSIER BEAUTY**—Of intense crimson with still deeper shadings in center; very large and well-formed flowers. A fine garden rose. Each, 60c.

**JONKHEER J. L. MOCK**—Flowers large and of fine rounded form and borne on long, stiff stems. Color rosy carmine within and shell pink without; very impressive. A distinct variety. Each, 40c; 12 for \$4.00.





## Hardy Garden Roses

**MAGNA CHARTA**—Bright, clear, pink; large, fine form; double and free bloomer; very fragrant. This is one of the hardiest roses in cultivation.

**GEORGE DICKSON**—Produces large blooms five inches across. The color is velvety black scarlet crimson, with brilliant scarlet reflex tips, and heavy, uniquely pure crimson maroon veining on the reverse. A vigorous grower.

**GENERAL MCARTHUR**—Vivid crimson scarlet; the most beautiful shade of any garden or forcing rose offered, retaining its brilliancy when expanded to flowers of superb form. Free from mildew.

**GRUSS AN TEPLITZ**—One of the brightest colored rose grown. Color dark rich crimson, shading to velvety red blooms continually; flowers good sized and very fragrant. One of the finest and most useful bedding roses extant.

**W. R. SMITH**—This is a most desirable ever-blooming summer rose, and as a bedder is without a peer. The flowers are creamy white, shaded pink, and are produced with the greatest freedom. It makes a beautiful cut flower.

**PRICES**—Any of the above, each, 35c; 12 for \$3.50, not prepaid.

## Hardy Climbing Roses

**FLOWER OF FAIRFIELD**—This is a much-heralded, ever-blooming Crimson Rambler; deep crimson, in immense clusters. A strong, vigorous grower.

**PRAIRIE QUEEN**—The old standby red climber. It is so hardy that it delights in the climate of Alaska and Canada.

**VEILCHENBLAU**—(The Blue Rambler). This grand new Rose is past the novelty stage and is certainly accepted as a truly blue Rose. Its flowers are larger than Crimson Rambler, but otherwise it closely follows the type.

**CLIMBING AMERICAN BEAUTY**—A grand climber of excellent habit. Of vigorous growth, making heavy canes from 10 to 15 feet in a single season. Rosy-crimson flowers, produced freely in July. Strongly fragrant.

**DOROTHY PERKINS**—In foliage and habit of growth it resembles Crimson Rambler. The flowers are double, of good size and borne in clusters. The petals are prettily rolled back and crinkled; buds remarkably handsome; color a clear pink, and holds a long time without fading.

**LADY GAY**—Cherry pink, fading to soft white. The flowers, in large, loose trusses, together with the buds and foliage, form a mass of beauty from base to tips of branches.

**TAUSENDSCHON**—This variety surpasses all other climbing roses, both in growth, foliage and beauty of blooms. The flowers appear in large clusters from the beginning of June till the end of July. Each individual flower measures about 2 inches across and is of beautiful soft shell pink—same color as Clotilde Soupert.

**WICHURIANA**—Memorial Rose. Strong grower in any soil. Flowers single, pure white; foliage bright, glossy green. It creeps along the ground as closely as an Ivy and often grows 10 feet in one season.

**YELLOW RAMBLER**—Flowers are perfectly double and very fragrant; color, light yellow, changing to straw.

**PRICE**—Any of the above large plants, 50c each; 3 for \$1.25; dozen, \$4.50.

## Moss Roses

**COMTESE DE MURINAIS**—Creamy white, strong and vigorous grower.

**CRIMSON GLOBE**—Deep crimson, robust grower.

**PINK MOSS**—Deep pink.

**PRICES**—Any of the above large two-year-old plants, 50c each; 3 for \$1.25; dozen, \$4.50.

## Tree Roses

These are grafted on stems from four to five feet high, forming a head that is somewhat tree shaped. Hybrid Perpetual varieties. Our selection of the best in the following colors:

RED

PINK

WHITE

**PRICE**—Each, \$1.25; 2 for \$2.00; 10 for \$8.50, by express.



CRIMSON RAMBLER.

## Special Offer on Seeds in Packets and Ounces

For a remittance of \$1.00, for which you order in packets and ounces only, you may select seeds in packets and ounces only, to the value of \$1.25, and according to the following table:

For a remittance of \$1.00 for packets and ounces, select \$1.25 worth of seeds in packets and ounces only.  
 For a remittance of \$2.00 for packets and ounces, select \$2.50 worth of seeds in packets and ounces only.  
 For a remittance of \$3.00 for packets and ounces, select \$4.00 worth of seeds in packets and ounces only.  
 For a remittance of \$4.00 for packets and ounces, select \$5.60 worth of seeds in packets and ounces only.  
 For a remittance of \$5.00 for packets and ounces, select \$7.00 worth of seeds in packets and ounces only.

And for every additional dollar, you may select 40c more of seeds in packets and ounces only.

However, do not overlook that this offer applies to PACKETS AND OUNCES ONLY, and we give no premium on seeds bought in lots of ¼, ½ and 1 lb., nor on seeds in Pints, Quarts, etc. If your order amounts to over \$2.00 and you do not specify the kind of seed you wish as a premium, we will send you a credit memorandum for packet and ounce seeds to the amount of your premium.



**NAMB**

**POSTOFFICE**

**R. F. D. NO.**

**BOX**

**STATE**

**STREET ADDRESS**

THREE CENT  
STAMP

**De Giorgi Bros.**

**SEEDSMEN**

**Council Bluffs, Ia.**

**U. S. A.**









## Seeds of Pot, Sweet and Medicinal Herbs

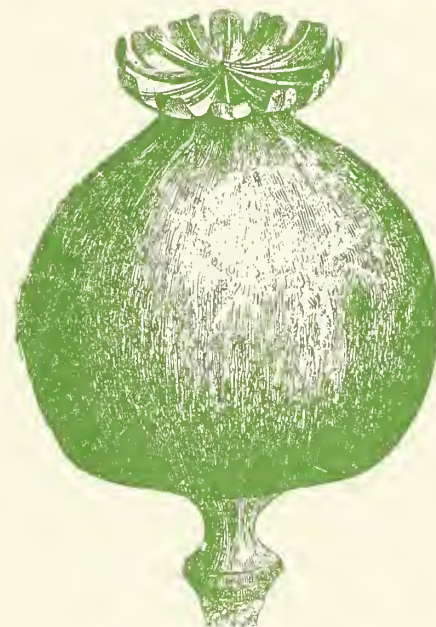


Most herbs should be cut when in full bloom, dried quickly in shade and when thoroughly dry packed in boxes with the air entirely excluded. The seed of most varieties is small and delicate, therefore it should be sown in finely prepared soil, free of weeds, to secure a satisfactory stand.

- ANISE**—The seeds are used in fine pastries. Pkt., 5c; 1 oz., 10c.
- BALM**—Used for making balm wine and tea, also for culinary purposes; an excellent bee plant. Pkt., 5c; oz., 30c.
- BASIL SWEET**—Sweet smelling herb that is used for flavoring soups, stews and highly seasoned dishes. Pkt., 5c; oz., 15c.
- BASIL DWARF OR BUSH**—Strongly sweet scented plant, grown mostly in pots as a house plant. Pkt., 5c; oz., 25c.
- BENE**—The dried leaves immersed over night in a tumbler of water make a drink very beneficial in cases of dysentery. Pkt., 5c; oz., 10c.
- BOHNENKRAUT**—See Summer Savory.
- BORAGE**—Leaves are used in pickles and in salads; flowers excellent for bees. Pkt., 5c; oz., 15c.
- CARAWAY**—Used in flavoring liquors, breads, meats, etc. Pkt., 5c; oz., 10c; lb., \$1.
- CATNIP**—Has medicinal qualities and is also used for seasoning. Pkt., 5c; oz., 40c.
- CHAMOMILE**—Has medicinal qualities. Pkt., 5c; oz., \$1.25.
- CORIANDER**—Seeds aromatic; used for seasoning sausages. Pkt., 5c; oz., 10c.
- CHIVES**—A variety of onion; used for seasoning. Seed: Pkt., 10c; ½ oz., 35c; 1 oz., 65c. Plants: 20c per dozen, postpaid.
- CUMIN (CZARNUSZKA)**—Seeds are used for flavoring bread and meats. Pkt., 5c; oz., 10c.
- DILL**—The green leaves are used for pickles and for flavoring sauces. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.75.
- FENNEL**—Used for garnishing, seasoning and for cordials. Pkt., 5c; oz., 10c.
- FENNEL FLORENCE**—A very distinct low-growing and thick set plant, with a very short stem, which has the points close together toward the base; leaf stalks are very broad and fleshy, overlapping one another at the base of the stem, the whole forming a kind of head varying in size from that of a hen's egg to that of the fist; firm, white and sweet inside. Much used by Italians. Pkt., 5c; oz., 15c; ¼ lb., 45c.
- FOXGLOVE PURPLE**—Has medicinal qualities; poisonous. Pkt., 5c; 1 oz., 15c.
- HENBANE**—Has medicinal qualities; poisonous. Pkt., 5c; oz., 25c.
- HOREHOUND**—The leaves are used for flavoring, also in the manufacture of liquors and cough remedies. Pkt., 5c; oz., 25c.
- HYSSOP**—Has medicinal qualities. Pkt., 5c; oz., 20c.
- LAVENDER**—Grown chiefly for its flowers, which are used in the making of perfumes. Pkt., 5c; oz., 10c.
- LAVENDER TRUE**—(*Lavandula vera*.) Possessing qualities as above in a stronger degree. Pkt., 10c; oz., 50c.
- LIQUORICE**—(*Glycyrrhiza glabra*.) Seeds in pods, per oz., 25c.
- LOVAGE**—Has medicinal qualities. Pkt., 5c; oz., 30c.
- MAW OR BLUE POPPY**—The seed is used in pastries. Pkt., 5c; oz., 15c; lb., \$1.50.
- MARIGOLD POT**—Single, for medicinal purposes. Pkt., 5c; oz., 10c.
- MARJORAM SWEET**—The dried leaves are used for seasoning meats and various dishes. Pkt., 5c; oz., 25c.
- MINT**—Plants only. Per clump, 20c, postpaid. We have two varieties, Spearmint and Peppermint.
- PENNYROYAL**—Has medicinal qualities and is also used for seasoning puddings and various dishes. Pkt., 10c.
- PEPPERMINT**—Plants only. Per clump, 20c, postpaid.
- PIMPINELLA**—(Burnet.) The young, tender leaves are used as salad; they have a flavor resembling cucumbers. Pkt., 5c; oz., 15c.
- ROSEMARY**—Yields an aromatic oil and water. Pkt., 5c; oz., 25c; oz., 50c.
- RUE**—Said to have medicinal qualities. Pkt., 5c; oz., 15c.
- SAFFRON**—Used for coloring soups. Pkt., 5c; oz., 10c.
- SAGE**—Leaves are used for seasoning and stuffing. Pkt., 15c; oz., \$1.00; ¼ lb., \$3.00; ½ lb., \$5.75; 1 lb., \$11.00.
- SAVORY SUMMER**—A culinary herb; also used in medicine. Pkt., 5c; oz., 30c.
- TANSY**—Generally used in bitters. Pkt., 10c; oz., 40c.
- TARRAGON**—For vinegar making. Plants only. First size, 25c each; dozen, \$2.50, postpaid.
- THYME**—Used for seasoning and stuffing. Pkt., 5c; oz., 30c.
- WALDMEISTER**—Used in May vine and also for scenting clothes. Pkt., 5c.
- WORMWOOD**—Has medicinal qualities. Beneficial for poultry, and should be planted in poultry yards. Pkt., 5c; oz., 25c; ¼ lb., 75c.
- YARROW**—Has medicinal qualities. Pkt., 5c; oz., 25c.



SAGE.

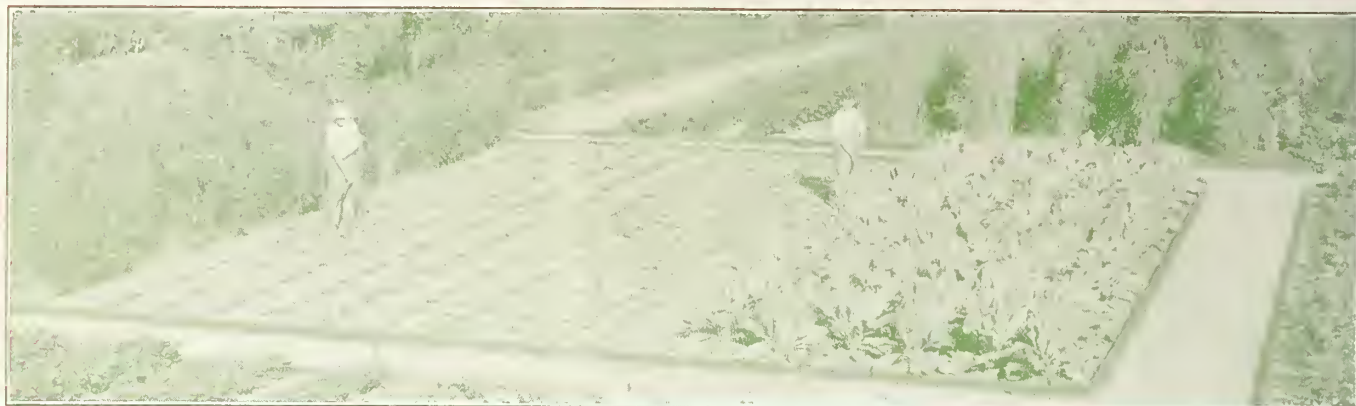


BAKER'S POPPY BLUE MAW.



BORAGE.





## What Seeds To Plant In Your War Garden

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**W**HETHER you plant for pleasure or profit, or from patriotic motives, plant only the best seeds the world offers, for the bountiful returns they give make them the cheapest at any price.

De Giorgi Brothers' Prize Winning Vegetable Seeds are the best in the world. They are the choice seeds of the universe—carefully selected, handled, imported, grown. Progressive Market Gardeners are the largest planters of these superior quality seeds. That fact alone is a strong recommendation of our seeds for war gardens.

## All Varieties of Garden Seed Again Scarce

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**O**RDER early—as soon as this catalogue reaches you. If you delay ordering your garden seeds, the chances are that as the season advances you will be unable to secure some varieties you want, no matter what price you may be willing to pay. These are war times. That means transportation is slow and uncertain. Our seeds are the choicest varieties of the world. Mail us your order today.

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